



# ELECTRIC TARIFFS

**IOWA**

 **MIDAMERICAN**  
ENERGY COMPANY™

Obsessively, Relentlessly  
**At Your  
Service**



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

2<sup>nd</sup> Substitute Original Title Sheet  
Canceling Substitute Original Title Sheet

MIDAMERICAN ENERGY COMPANY  
ELECTRIC TARIFF NO. 2  
FILED WITH  
IOWA UTILITIES BOARD

August 6, 2014

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This tariff cancels the entire schedules formerly designated as:

MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 1  
Filed with the Iowa Utilities Board



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute Original Sheet No. 1  
Canceling Original Sheet No. 1

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Listed below are the communities (in whole or part) to which this schedule is applicable. T  
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| <u>Communities</u> | <u>Pricing Zone**</u> | <u>Communities</u> | <u>Pricing Zone**</u> | T |
|--------------------|-----------------------|--------------------|-----------------------|---|
| Ackley             | N                     | Bettendorf         | E                     | T |
| Ackworth           | S                     | Bevington          | S                     | T |
| Adair County       | S                     | Black Hawk County  | N                     | T |
| Adams County       | S                     | Blanchard          | S                     | T |
| Adel               | S                     | Blencoe            | N                     | T |
| Alleman            | S                     | Blue Grass         | E                     | T |
| Allison            | N                     | Bode               | N                     | T |
| Alta               | N                     | Bondurant          | S                     | T |
| Alton              | N                     | Boyden             | N                     | T |
| Altoona            | S                     | Braddyville        | S                     | T |
| Alvord             | N                     | Bradgate           | N                     | T |
| Ankeny             | S                     | Brayton            | N                     | T |
| Aplington          | N                     | Breda              | N                     | T |
| Arcadia            | N                     | Bremer County      | N                     | T |
| Archer             | N                     | Bristow            | N                     | T |
| Aredale            | N                     | Bronson            | N                     | T |
| Arion              | N                     | Brunsville         | N                     | T |
| Arthur             | N                     | Buchanan County    | N                     | T |
| Aspinwall          | N                     | Buck Grove         | N                     | T |
| Audubon            | N                     | Buena Vista County | N                     | T |
| Audubon County     | N                     | Buffalo            | E                     | T |
| Aurelia            | N                     | Bussey             | S                     | T |
| Avoca              | S                     | Butler County      | N                     | T |
| Ayrshire           | N                     |                    |                       | T |
| Badger             | E                     | Calhoun County     | N & E                 | T |
| Barnes City        | S                     | Calumet            | N                     | T |
| Barnum             | E                     | Camanche           | E                     | T |
| Battle Creek       | N                     | Carbon             | S                     | T |
| Beacon             | S                     | Carlisle           | S                     | T |
| Bedford            | S                     | Carroll            | N                     | T |
|                    |                       | Carroll County     | N                     | T |

\*\*Pricing Zone: North System (N) South System (S) East System (E) T



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1<sup>st</sup> Revised Sheet No. 2.10  
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| <u>Communities</u> | <u>Pricing Zone**</u> | <u>Communities</u> | <u>Pricing Zone**</u> |   |
|--------------------|-----------------------|--------------------|-----------------------|---|
| Carson             | S                     | Danbury            | N                     | T |
| Cass County        | S                     | Davenport          | E                     | T |
| Castana            | N                     | Dedham             | N                     | T |
| Cedar County       | E                     | Defiance           | N                     | T |
| Cerro Gordo County | N                     | Deloit             | N                     | T |
| Charles City       | N                     | Denison            | N                     | T |
| Charter Oak        | N                     | Denver             | N                     | T |
| Chatsworth         | N                     | Des Moines         | S                     | T |
| Cherokee           | N                     | De Soto            | S                     | T |
| Cherokee County    | N                     | Doon               | N                     | T |
| Chickasaw County   | N                     | Dougherty          | N                     | T |
| Clare              | E                     | Dow City           | N                     | T |
| Clarinda           | S                     | Dumont             | N                     | T |
| Clarion            | N                     | Duncombe           | E                     | T |
| Clarksville        | N                     | Dunkerton          | N                     | T |
| Cleghorn           | N                     | Dunlap             | S                     | T |
| Clinton County     | E                     |                    |                       | T |
| Clive              | S                     | Eagle Grove        | N                     | T |
| Coburg             | S                     | Earlham            | S                     | T |
| Coin               | S                     | Earling            | N                     | T |
| Colfax             | S                     | Early              | N                     | T |
| College Springs    | S                     | Eldridge           | E                     | T |
| Coralville         | E                     | Elk Horn           | N                     | T |
| Correctionville    | N                     | Elk Run Heights    | N                     | T |
| Council Bluffs     | S                     | Elkhart            | S                     | T |
| Craig              | N                     | Elliott            | S                     | T |
| Crawford County    | N                     | Emerson            | S                     | T |
| Crescent           | S                     | Emmetsburg         | N                     | T |
| Cumming            | S                     | Essex              | S                     | T |
| Cushing            | N                     | Evansdale          | N                     | T |
| Cylinder           | N                     | Exira              | N                     | T |
|                    |                       |                    |                       | T |
| Dakota City        | N                     | Farragut           | S                     | T |
| Dallas Center      | S                     |                    |                       | T |
| Dallas County      | S                     |                    |                       | T |

\*\*Pricing Zone: North System (N) South System (S) East System (E)

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| <u>Communities</u> | <u>Pricing Zone**</u> | <u>Communities</u> | <u>Pricing Zone**</u> | T |
|--------------------|-----------------------|--------------------|-----------------------|---|
| Floyd              | N                     | Hepburn            | S                     | T |
| Floyd County       | N                     | Hinton             | N                     | T |
| Fonda              | N                     | Holstein           | N                     | T |
| Fort Dodge         | E                     | Hornick            | N                     | T |
| Franklin County    | N                     | Hospers            | N                     | T |
| Fremont County     | S                     | Hudson             | N                     | T |
|                    |                       | Hull               | N                     | T |
| Galva              | N                     | Humboldt           | N                     | T |
| Geneva             | N                     | Humboldt County    | N & E                 | T |
| Gilbertville       | N                     |                    |                       | T |
| Gilmore City       | N                     | Ida County         | N                     | T |
| Glenwood           | S                     | Ida Grove          | N                     | T |
| Goldfield          | N                     | Imogene            | S                     | T |
| Granger            | S                     | Indianola          | S                     | T |
| Granville          | N                     | Inwood             | N                     | T |
| Gravity            | S                     | Iowa City          | E                     | T |
| Gray               | N                     | Iowa County        | E                     | T |
| Grimes             | S                     | Ireton             | N                     | T |
| Griswold           | S                     | Irwin              | N                     | T |
| Grundy County      | N                     |                    |                       | T |
|                    |                       | Janesville         | N                     | T |
| Halbur             | N                     | Jasper County      | S                     | T |
| Hamburg            | S                     | Jesup              | N                     | T |
| Hamilton           | S                     | Johnson County     | E                     | T |
| Hamilton County    | E                     | Johnston           | S                     | T |
| Hampton            | N                     | Jolley             | N                     | T |
| Hancock            | S                     |                    |                       | T |
| Hansell            | N                     | Keokuk County      | S                     | T |
| Hardin County      | N                     | Keomah Village     | S                     | T |
| Hardy              | N                     | Kingsley           | N                     | T |
| Harrison County    | S                     | Kirkman            | N                     | T |
| Hartford           | S                     | Kirkville          | S                     | T |
| Harvey             | S                     | Kiron              | N                     | T |
| Hastings           | S                     |                    |                       | T |
| Henderson          | S                     |                    |                       | T |

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|--------------------|-----------------------|--------------------|-----------------------|---|
| Knierim            | N                     | Marion County      | S                     | T |
| Knoxville          | S                     | Marne              | S                     | T |
| Kossuth County     | N                     | Martensdale        | S                     | T |
| Lake City          | N                     | Marysville         | S                     | T |
| Lake View          | N                     | Maurice            | N                     | T |
| Lakeside           | N                     | McClelland         | S                     | T |
| Lanesboro          | N                     | Melcher-Dallas     | S                     | T |
| Larrabee           | N                     | Meriden            | N                     | T |
| Latimer            | N                     | Merrill            | N                     | T |
| Lawton             | N                     | Mills County       | S                     | T |
| Le Mars            | N                     | Milo               | S                     | T |
| Leclair            | E                     | Minburn            | S                     | T |
| Lehigh             | E                     | Minden             | S                     | T |
| Leighton           | S                     | Mingo              | S                     | T |
| Lewis              | S                     | Missouri Valley    | S                     | T |
| Lidderdale         | N                     | Mitchellville      | S                     | T |
| Little Sioux       | S                     | Modale             | S                     | T |
| Livermore          | N                     | Mondamin           | S                     | T |
| Logan              | S                     | Monona County      | N                     | T |
| Lohrville          | N                     | Monroe             | S                     | T |
| Lovilia            | S                     | Monroe County      | N                     | T |
| Lucas County       | S                     | Montgomery County  | S                     | T |
| Luverne            | N                     | Moorhead           | N                     | T |
| Lynnville          | S                     | Moorland           | E                     | T |
| Lyon County        | N                     | Moville            | N                     | T |
| Lytton             | N                     | Muscatine          | E                     | T |
| Macedonia          | S                     | Muscatine County   | E                     | T |
| Madison County     | S                     | Nashua             | N                     | T |
| Magnolia           | S                     | Nemaha             | N                     | T |
| Mahaska County     | S                     | New Hartford       | N                     | T |
| Malvern            | S                     | New Market         | S                     | T |
| Manson             | E                     | New Sharon         | S                     | T |
| Marcus             | N                     |                    |                       |   |

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| <u>Communities</u> | <u>Pricing Zone**</u> | <u>Communities</u>   | <u>Pricing Zone**</u> | <u>T</u> |
|--------------------|-----------------------|----------------------|-----------------------|----------|
| Newell             | N                     | Polk County          | S                     | T        |
| Nodaway            | S                     | Pomeroy              | N                     | T        |
| North Liberty      | E                     | Port Neal            | N                     | T        |
| Northboro          | S                     | Portsmouth           | S                     | T        |
| Norwalk            | S                     | Pottawattamie County | S                     | T        |
|                    |                       | Poweshiek County     | S                     | T        |
| Oakland            | S                     | Prairie City         | S                     | T        |
| O'Brien County     | N                     | Princeton            | E                     | T        |
| Odebolt            | N                     |                      |                       | T        |
| Orange City        | N                     | Quimby               | N                     | T        |
| Osceola County     | N                     |                      |                       | T        |
| Oskaloosa          | S                     | Randolph             | S                     | T        |
| Otho               | E                     | Raymond              | N                     | T        |
| Oto                | N                     | Red Oak              | S                     | T        |
| Ottosen            | N                     | Redfield             | S                     | T        |
| Oyens              | N                     | Reinbeck             | N                     | T        |
|                    |                       | Ricketts             | N                     | T        |
| Pacific Junction   | S                     | Riverdale            | E                     | T        |
| Page County        | S                     | Riverton             | S                     | T        |
| Palmer             | N                     | Rock Valley          | N                     | T        |
| Palo Alto County   | N                     | Rockwell             | N                     | T        |
| Panama             | N                     | Rockwell City        | N                     | T        |
| Panorama Park      | E                     | Rodney               | N                     | T        |
| Parkersburg        | N                     | Runnells             | S                     | T        |
| Patterson          | S                     | Ruthven              | N                     | T        |
| Persia             | S                     | Rutland              | N                     | T        |
| Pierson            | N                     |                      |                       | T        |
| Pioneer            | N                     | Sac City             | N                     | T        |
| Pisgah             | S                     | Sac County           | N                     | T        |
| Plainfield         | N                     | Saint Charles        | S                     | T        |
| Pleasant Hill      | S                     | Saint Marys          | S                     | T        |
| Pleasantville      | S                     | Salix                | N                     | T        |
| Plymouth County    | N                     | Sanborn              | N                     | T        |
| Pocahontas County  | N & E                 |                      |                       | T        |
| Polk City          | S                     |                      |                       | T        |

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| <u>Communities</u> | <u>Pricing Zone**</u> | <u>Communities</u> | <u>Pricing Zone**</u> |   |
|--------------------|-----------------------|--------------------|-----------------------|---|
| Sandyville         | S                     | Truesdale          | N                     | T |
| Schaller           | N                     | Turin              | N                     | T |
| Schleswig          | N                     |                    |                       | T |
| Scott County       | E                     | Underwood          | S                     | T |
| Sergeant Bluff     | N                     | University Heights | E                     | T |
| Shambaugh          | S                     | University Park    | S                     | T |
| Sheffield          | N                     | Urbandale          | S                     | T |
| Shelby County      | N & S                 | Ute                | N                     | T |
| Sheldon            | N                     |                    |                       | T |
| Shell Rock         | N                     | Vail               | N                     | T |
| Shenandoah         | S                     | Valeria            | S                     | T |
| Sidney             | S                     | Van Meter          | S                     | T |
| Silver City        | S                     | Varina             | N                     | T |
| Sioux Center       | N                     | Vincent            | N                     | T |
| Sioux City         | N                     |                    |                       | T |
| Sioux County       | N                     | Walnut             | S                     | T |
| Sloan              | N                     | Wapello County     | S                     | T |
| Smithland          | N                     | Warren County      | S                     | T |
| Soldier            | N                     | Washta             | N                     | T |
| Somers             | N                     | Waterloo           | N                     | T |
| Spring Hill        | S                     | Waukee             | N                     | T |
| Storm Lake         | N                     | Waverly            | N                     | T |
| Story County       | S                     | Webster County     | N & E                 | T |
| Stout              | N                     | West Des Moines    | S                     | T |
| Struble            | N                     | Westphalia         | N                     | T |
| Sutherland         | N                     | Westside           | N                     | T |
| Swan               | S                     | Whiting            | N                     | T |
|                    |                       | Willey             | N                     | T |
| Tabor              | S                     | Wilton             | E                     | T |
| Tama County        | N                     | Windsor Heights    | S                     | T |
| Taylor County      | S                     | Woodbury County    | N                     | T |
| Templeton          | N                     | Wright County      | N                     | T |
| Thor               | N                     |                    |                       | T |
| Thurman            | S                     | Yetter             | N                     | T |
| Treynor            | S                     | Yorktown           | S                     | T |

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## SECTION 1 - ELECTRIC SERVICE POLICIES

Applicable to All Rates and Riders

---

### **DEFINITIONS**

Account Agent means one authorized by a Customer to act on that Customer's behalf.

Applicant means an entity that requests and/or contracts for electric service.

Billing Agent means one authorized by a Customer to receive and pay electric bills on that Customer's behalf.

Board or Iowa Utilities Board means the Iowa state regulatory agency that regulates retail electricity service.

Budget Billing means a levelized payment plan designed to limit the volatility of a Customer's bill.

Credit Assurance means a guarantee provided by the Applicant and acceptable to the Company against the risk of Customer default for payment of electric service.

Customer means any person, firm, association, corporation or agency of the federal, state or local government or legal entity responsible by law for payment for the electric service from the electric utility.

Extensions means expansion of the Company's distribution system built to serve a Customer or a specific group of Customers either on public right-of-way or private easement on a Customer's Premises.



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## SECTION 1 - ELECTRIC SERVICE POLICIES

Applicable to All Rates and Riders

---

### **DEFINITIONS (continued)**

Modifications means any changes required on the Company's facilities necessitated by actions or requirements other than the Company.

Multiple-Dwelling Unit means a multiple-occupancy building with two (2) or more Customers.

Municipality or Municipal Corporation means any city, village, town or township.

Non-Residential Service means service to those Customers not eligible for Residential Service.

Point of Attachment means a Company-approved, single location where the Customer's facilities are connected to the Company's facilities. If the metering is installed on the Customer's side of the Point of Attachment, the Company reserves the right to exercise control up to the metering point.

Premises means a contiguous tract of land that may be separated by nothing more than a highway, street, alley or railroad right-of-way, where all buildings and/or electricity-consuming devices located thereon are owned or occupied by a single Customer or applicant for electrical service, or where all electricity delivered thereto is utilized to supply one (1) or more buildings and/or electric loads which the Company considers as components of a unified operation.



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1<sup>st</sup> Revised Sheet No. 6  
Canceling Original Sheet No. 6

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## SECTION 1 - ELECTRIC SERVICE POLICIES

Applicable to All Rates and Riders

---

### **DEFINITIONS (continued)**

Residential Service means (1) service to those Customers eligible for residential service pursuant to the availability definition under electric Rate RS Residential Electric Service or Rate RST Residential Time-of-Use Service; and (2) service to those residential Customers with annual usage greater than 50,000 kWh who are eligible for residential service pursuant to the availability definition under electric Rate GE General Energy Service or Rate GET General Energy Time-of-Use Service.

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Service Line means the equipment used for delivering electricity from the distribution system to the Customer's Point of Attachment.

TOU or Time-of-Use means a rate schedule that contains pricing that is differentiated by specifically-defined groups of hours.



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Canceling Original Sheet No. 7

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## **SECTION 1 - ELECTRIC SERVICE POLICIES**

Applicable to All Rates and Riders

---

### **GENERAL PROVISIONS**

All charges, Policies, Riders and Tax Additions of the Company applicable to service supplied under this Tariff are subject to approval, termination, change or modification by the Iowa Utilities Board, to the extent permitted by law.

### **AVAILABILITY**

Service under this Tariff is available to any Customer located in the Company's service area.

By accepting service under this schedule, the Customer is agreeing to abide by the Company's "Electric Service Policies," "Customer Policies," "Technical and Operational Requirements" and all other requirements of this Tariff.

### **FIRE OR OTHER CASUALTY -- CUSTOMER'S BUSINESS PREMISES**

Should a fire or other casualty occur on the Customer's Premises, rendering them unfit for the purposes of the Customer's business, any Customer contract, having a definite term under the applicable rate, shall thereupon be suspended until such time as the Customer has reconstructed and reoccupied the Premises for the purposes of the Customer's business.

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### **EXCLUSIVE SERVICE**

The Company shall be the sole provider of the electric service to each Premises.



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## **SECTION 1 - ELECTRIC SERVICE POLICIES**

Applicable to All Rates and Riders

---

### **ASSIGNMENT**

No agreement for service may be assigned or transferred without the written consent of the Company.

### **PROTECTION OF SERVICE**

The Company will not render service to any Customer for use by the Customer which shall have a detrimental effect upon the service rendered to the Company's other Customers.

### **RESALE OR REDISTRIBUTION OF ELECTRICITY**

The Company will not furnish electric supply for resale or redistribution. Resale means the sale of electricity by the Customer to a third party. Resale of electricity is prohibited.

If the Customer distributes and uses electricity from a single point of usage to separate points or buildings on its Premises, such use shall not be considered resale provided (1) Customer owns or possesses the Premises and only the Customer's business is operated there (excluding renting space in the Premises), and (2) Customer is a corporation, partnership or any entity affiliated with such corporation or partnership.

Redistribution of electricity is prohibited. Redistribution is the furnishing of electricity by the Customer to a third party in exchange for a benefit, a promise, or any other consideration under conditions that do not constitute resale.

If the Applicant is not the owner of the Premises or of intervening property between the Premises and the Company's electric distribution system, the Applicant agrees to obtain from the proper owner, or owners, the necessary consent to the installation and maintenance on said Premises and on such intervening property of all wiring and other electric equipment required for supplying electricity to the Applicant.



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1<sup>st</sup> Revised Sheet No. 9  
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## **SECTION 1 - ELECTRIC SERVICE POLICIES**

Applicable to All Rates and Riders

---

### **CUSTOMER-DESIGNATED AGENT**

The Customer may designate an Account Agent or Billing Agent for their accounts. The Customer must complete an authorization and release to establish the Agent and is subject to terms and conditions of said document. The Customer is responsible for all transactions and obligations to MidAmerican in the event of default by the designated Agent.

### **LIMITATION OF LIABILITY**

The Company will use reasonable diligence to provide reliable service. However, the Company does not guarantee its service against interruption, shortage, deficiencies, imperfections or irregularities.

The Company will not be liable for any injury, loss or damage resulting from interruption, shortage or insufficiency of service or irregularities of service (e.g., overload, loss of voltage, high or low voltage, loss of phase, phase reversal) unless caused by the Company's willful default or gross negligence. In no event shall Company be liable for consequential or punitive damages. N  
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The Company will not be responsible nor liable for electricity from and after the point it first passes to the wires or other equipment owned or controlled by the Customer, and Customer shall protect and save harmless the Company from all claims for injury or damage to persons or property occurring beyond said point, except where injury or damage shall be shown to have been occasioned solely by the negligence of the Company. The Customer will be held responsible and liable for all electricity used on the Premises until notice of termination of service is received by the Company and the Company has taken the final meter readings.





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## **SECTION 1 - ELECTRIC SERVICE POLICIES**

Applicable to All Rates and Riders

---

### **LIMITATION OF LIABILITY (continued)**

The Company will not be responsible for damages for any failure, interruption shortage or insufficiency of service or irregularities of the supply of electricity, increase or decrease in voltage, or change in characteristics of electricity supply.

The Company will not be liable for any damages caused by the Company's conduct in compliance with or as permitted by this Tariff or other agreements, or any other applicable rule, regulation, order or tariff.

### **IRREGULARITIES AND INTERRUPTION OF SERVICE**

#### **Service Reliability**

The Company will use reasonable diligence to provide reliable service. However, the Company does not guarantee its service against irregularities and interruption.

#### **Irregularities and Interruptions**

Causes of irregularities and interruptions in service include, but are not limited to, the following:

- System switching operations.
- Repairs or changes in facilities.
- Valid curtailment or proration orders.
- Rules and regulations promulgated by state or federal regulatory authorities.
- An emergency as contemplated by Section 476.20, Code of Iowa.



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## SECTION 1 - ELECTRIC SERVICE POLICIES

Applicable to All Rates and Riders

---

### **IRREGULARITIES AND INTERRUPTION OF SERVICE (continued)**

- Occurrences beyond the Company's reasonable control including, but not limited to:
  - Accidents.
  - Acts of God (e.g., floods, winds, lightning, etc.).
  - Acts or omissions of civil or military authority or of suppliers.
  - Equipment failure.
  - Fires, epidemics, quarantine restrictions.
  - Strikes or other labor disputes, embargoes, wars, sabotage, political strife, riots, delays in transportation.
  - Compliance with any regulations or directives of any national, state, local or municipal government, or any department thereof.
  - Fuel, power, material or labor shortages.

#### Repairs or Changes

The Company reserves the right to interrupt service for repair of or changes in Company facilities.

The Company will make a reasonable effort to notify the Customer prior to planned repairs or changes of more than one (1) hour.

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## **SECTION 1 - ELECTRIC SERVICE POLICIES**

Applicable to All Rates and Riders

---

### **IRREGULARITIES AND INTERRUPTION OF SERVICE (continued)**

#### Customer Responsibility

The Customer will not be relieved of responsibility for payment of charges for service actually supplied (including minimum charges) because of:

- Interruption, irregularity or insufficiency of service.
- Accident to the Customer's equipment or machinery.
- Failure of a Customer's installation, not due to the fault of the Company.



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2<sup>nd</sup> Substitute Original Sheet No. 13  
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## **SECTION 2 - CUSTOMER POLICIES**

Applicable to All Rates and Riders

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### **APPLICATION FOR SERVICE**

#### Application Process

Applications for service may be made:

- By phone.
- By mail.
- In person.
- Over the internet.

All Applicants:

- Must provide proof of identity.
- May be required to provide information for a service application.
- May be required to provide proof of occupancy.

#### Outstanding Debt

If, after a review of Company records, an outstanding debt is found in the Customer's name, the Customer:

- May be required to pay the outstanding debt.
- May be required to provide a deposit or other form of Credit Assurance.

T

The Company will consider at least a six-month payment agreement for the outstanding debt so long as the debt is not part of a defaulted payment agreement.

The Company may refuse to provide service to a Customer under conditions specified in the "Refusal or Disconnection of Service" subsection of this Section 2.



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Filed with the Iowa Utilities Board

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Canceling 3<sup>rd</sup> Substitute 3<sup>rd</sup> Revised Sheet No. 14

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## SECTION 2 - CUSTOMER POLICIES

Applicable to All Rates and Riders

---

### RATE CLASSIFICATION

The conditions and availability of each rate may be found on the applicable rate schedules of this Tariff.

| <u>Rate</u> | <u>Description</u>  |        |
|-------------|---|--------|
| RS          | Residential - Service   |        |
| GE          | General – Energy Service  |        |
| GD          | General – Demand Service  |        |
| LS          | Large Electric Service  |        |
| SS          | Substation Service  |        |
| ICR         | Individual Customer Rate  |        |
| MWP         | Municipal Water Pumping Service   |        |
| TC          | Traffic Control Service   |        |
| RST         | Residential Time-of-Use Service   |        |
| GET         | General – Energy Time-of-Use Service  |        |
| GDT         | General–Demand Time-of-Use Service  |        |
| LST         | Large Electric Time-of-Use -Service   |        |
| SST         | Substation Time-of-Use Service  |        |
| DAP         | Day Ahead Hourly Pricing  |        |
| SL          | Street Lighting   |        |
| AL          | Area Lighting   |        |
| QF          | Cogeneration & Small Power<br>Production Facilities                           |        |
| NB          | Net Billing of Small Alternate Energy<br>Producers and Small Hydro Facilities |        |
| AEP         | Alternate Energy Production Facilities<br>Contract Provision Offered          |        |
| RMS         | Residential Master Metered Service  |        |
| PG Pilot    | Net Billing of Private Generation<br>Facilities Pilot                         |        |
| IO          | Inflow/Outflow Billing of Eligible<br>Distributed Generation Facilities       | N<br>N |

Customers will be subject to all riders, additions, adjustments, taxes, fees, and charges that may be applicable under this Tariff. All rates and charges contained in this Tariff or contract with reference thereto may be modified at any time by a subsequent filing made pursuant to the provisions of Iowa Code Chapter 476.



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## **SECTION 2 - CUSTOMER POLICIES**

Applicable to All Rates and Riders

---

### **MINIMUM RATE TERM**

Customers, having selected a rate adapted to the Customer's requirements, may not change to another rate within a twelve-month period unless:

- The character or conditions of the Customer's requirements change substantially and permanently, or
- A substantial change affecting the Customer's service is made in the Company's Tariff.

### **ASSIGNMENT OF RATE**

#### **Residential**

A Residential Customer that meets the requirements of the "Availability" section of Rate RS or RST will remain on the applicable rate until such time as the Customer no longer meets those requirements. A Residential Customer may elect to receive service under time-or-use rate RST and will be required to remain on the time-or-use rate for a minimum of twelve months.

#### **Non-Residential**

A Non-Residential Customer will be eligible to receive service pursuant to the "Availability" sections of Rates GE, GD, LS, SS, ICR, MWP or TC and will remain on the applicable rate until such time as Customer no longer meets those requirements. A Non-Residential Customer may elect to receive service under time-of-use rates GET, GDT, LST or SST and will be required to remain on the time-of-use rate for a minimum term of twelve months.

### **REASSIGNMENT OF RATE**

Where a Non-Residential Customer's operation is discontinued or substantially reduced, the Customer may request the Company to reassign the Customer to the Electric Service Rate and charges under which the Customer would be eligible based on the current level of electricity use. The Company has sole discretion in its response to Customer-requested rate reassignment. If the Customer's existing meter is inadequate or incompatible with the new Electric Service Rate, the Customer will reimburse the Company for the cost of replacing the meter.



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## **SECTION 2 - CUSTOMER POLICIES**

Applicable to All Rates and Riders

---

D

### **TURN ON SERVICE**

The Company will use all reasonable efforts to turn on service during normal working hours on the day requested by the Applicant. If the Applicant requests service be turned on after hours, time and materials charges will apply. Refer to the "Miscellaneous Fees and Charges" section of this Tariff.

The Applicant is responsible for providing access to the Premises as needed when requesting services be turned on or transfer meter readings to be made.

### **TURN OFF SERVICE AT CUSTOMER REQUEST**

The Company will use all reasonable efforts to turn off service during normal working hours on the date requested by the Customer if the Customer has given the Company at least two working days' notice. If the Customer requests service be turned off after hours, time and materials charges will apply.

A Customer who is provided service under a special contract is required to comply with the contract regarding service turn off.

For same-day transfers, a turn-off meter reading obtained at the end of service for one account will be used for the beginning of service for the subsequent account.

Where a service gap exists, a turn-off meter reading obtained at the end of service for one account may be used for the beginning of service for the subsequent account with the new Customer's consent. The new Customer will be notified of the date the meter was read.

The Customer requesting service turn off or final meter reading is responsible for providing access to the meter as needed. The Customer will be responsible for usage incurred after the date requested if access to the meter(s) is not provided when requested.





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## **SECTION 2 - CUSTOMER POLICIES**

Applicable to All Rates and Riders

---

### **CREDIT ASSURANCE AT SERVICE APPLICATION**

The Company may request a deposit or other form of Credit Assurance from any current or prospective Customer. Between April 1 and October 31, the Company may refuse or disconnect service with appropriate notice if the Customer fails to provide requested Credit Assurance.

#### **Types of Acceptable Credit Assurance**

- Security deposit (cash, check, or money order).
- Surety bond.
- Bank letter of credit.
- Third-party guarantee.
- Other assurance found acceptable by the Company.



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## SECTION 2 - CUSTOMER POLICIES

Applicable to All Rates and Riders

---

### **CREDIT ASSURANCE AT SERVICE APPLICATION (continued)**

#### Amount of Credit Assurance

The amount of deposit or Credit Assurance will be based on one of the following:

- The highest one-month bill in the prior 12-month period at the Premises served.
- The highest one month's projected use as determined by the Company.

#### Bankruptcy

The amount and terms of deposit or Credit Assurance for a Customer who files bankruptcy will be in accordance with Federal law (11 US Code, Section 366).

#### Record of Deposit or Credit Assurance

Any person who pays a security deposit will be given a receipt of deposit.

A record of deposit or Credit Assurance and the identity of the Customer providing such deposit or Credit Assurance will be kept on file by the Company.

#### Transfer to New Premises

If a Customer transfers service to new Premises:

- The Customer's existing deposit or other form of Credit Assurance will be transferred to the new account.
- The amount of deposit or other Credit Assurance required at the new Premises will be determined, and
  - Any additional amount required will be requested.
  - Any excess credit amount or a deposit will be refunded.



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## **SECTION 2 - CUSTOMER POLICIES**

Applicable to All Rates and Riders

---

### **CREDIT ASSURANCE AT SERVICE APPLICATION (continued)**

#### **Review**

Deposits and other Credit Assurance will be reviewed 12 months from the date first taken and annually thereafter in accordance with Sections 20.4(3) and (7) of the Iowa Administrative Code.

#### **Refunds**

Deposits will be refunded with interest, in accordance with Section 20.4(4) of the Iowa Administrative Code, when the Customer has a record of 12 consecutive months of prompt payment (which may be 11 timely payments and one (1) automatic forgiveness of late payment). Refunds of deposits plus interest will be made as follows:

- Check.
- Bill credit.
- Final bill credit with any balance refunded by check.
- Transfer to new Customer account if Customer discontinues service at one Premises and establishes service at a new Premises.

### **BILLING FOR SERVICE**

#### **Normal Billing**

Meter readings used for Company billing will normally be scheduled monthly. The Company may schedule meter readings in low-customer-density rural and suburban areas at bimonthly intervals.

Bills will normally be based on actual Company meter reads, subject to Company review. Where actual readings are unavailable, bills will be based on estimates of the Customer's usage.

Bills will be in accordance with the rates and charges contained in this Tariff and will be computed monthly in accordance with the Company's meter reading schedule.

The Customer may supply meter readings, providing a Company meter read is obtained once every 12 months.



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2<sup>nd</sup> Revised Sheet No. 20  
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## SECTION 2 - CUSTOMER POLICIES

Applicable to All Rates and Riders

---

### **BILLING FOR SERVICE (continued)**

#### Less Frequent Billing

Billings less frequent than monthly may be scheduled with Board approval.

#### More Frequent Billing

Billings more frequent than monthly may be required from Non-Residential Customers who are credit risks.

The more frequent billings will be for one month only unless approval is received from the Board.

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## SECTION 2 - CUSTOMER POLICIES

Applicable to All Rates and Riders

---

### **BILLING FOR SERVICE (continued)**

#### **Estimated Bill**

The Company will attempt to read every meter every month. When the Company is unable to read the meter after reasonable effort, the Company will issue an estimated bill.

- The word 'Estimate' will appear on the face of the bill.
- Only in unusual cases or with Customer consent shall more than three consecutive estimated bills be rendered.
- The Customer will be notified when there have been three (3) consecutive estimates and periodically thereafter.
- An actual meter reading by a Company representative is required once every 12 months.
- Automated meter readings are actual Company meter readings.

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#### **Bill Form**

- The Standard Bill Form is shown in the "Forms and Agreements" section of this Tariff.
- The Customer may elect to receive bills electronically. If a Customer elects to receive bills electronically, all charges associated with the Customer's account will be billed electronically. All Customer correspondence will be available for viewing at [www.midamericanenergy.com](http://www.midamericanenergy.com). The Company reserves the right to determine whether or not a Customer is eligible to be billed electronically.



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## **SECTION 2 - CUSTOMER POLICIES**

Applicable to All Rates and Riders

---

### **BILLING FOR SERVICE (continued)**

#### **Prorated bill**

- For billing purposes, the term "month" or "monthly" will represent the period between regular meter readings. The Company's work schedules permit the orderly reading and billing of all meters by the Company over a period of approximately every 30 days.
- If the meter read period is less than 28 days or greater than 39 days the Customer's bill will be prorated on a daily basis. All steps of the rate will be prorated.
- Bills for all beginning, final and reroute meter readings will be prorated if the meter is read less than 28 days or more than 39 days after the last billed read.

#### **Bill Due Date**

The Company will provide bills to all Customers allowing a minimum of 20 days after the bill is rendered for timely payment.



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## **SECTION 2 - CUSTOMER POLICIES**

Applicable to All Rates and Riders

---

### **BILLING FOR SERVICE (continued)**

Failure to receive a bill will in no way exempt a Customer from these billing provisions.

#### **Preferred Due Date**

A preferred due date is available to:

- All Residential Customers.
- Non-Residential Customers with usage less than 3,000 kWh per month.
- Other Customers at the Company's discretion.

The preferred due date:

- Must be requested by the Customer.
- May not extend into the next billing cycle.
- Cannot be changed to a date later than 30 days after the preparation of the bill.
- Will be no more than 15 days from the approximate date the Customer receives monthly income.

The preferred due date may be cancelled:

- Upon Customer request.
- After the 5<sup>th</sup> late payment in a 12-month period.



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## SECTION 2 - CUSTOMER POLICIES

Applicable to All Rates and Riders

---

### **BUDGET BILLING**

#### Availability

Budget Billing is available to:

- All Residential Customers.
- Non-Residential Customers with usage less than 3,000 kWh per month.
- Other Customers at the Company's discretion.

#### Entry to Plan

Customers may begin Budget Billing at any time.

#### Budget Computation Method

The monthly budget payment for Budget Billing plan Customers is derived by estimating a Customer's usage for the next 12-month period and dividing that amount by 12. The estimation method uses a 24-month history at the Premises in question as well as other factors, such as weather and prices. The Budget Billing amount for new Premises is estimated based on tariff rate code and geographic location.

#### Periodic Adjustments

The monthly Budget Billing amount will be recomputed at least annually and may be recomputed:

- When requested by the Customer.
- When changes in price and/or consumption result in an estimate that differs by 10 percent or more from the budget amount.

#### Budget Review

Budgets are reviewed periodically and annually. At the Customer's annual review, the Budget Billing amount changes regardless of the amount of change.





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## SECTION 2 - CUSTOMER POLICIES

Applicable to All Rates and Riders

---

### **BUDGET BILLING (continued)**

#### Customer Notification

The Customer will be notified of any changes in the budget amount at least one full billing period before the due date for the new budget amount. The notice may accompany the bill prior to the bill that is affected by the revised budget amount.

#### Late and Delinquent Payments

Regardless of the Budget Billing account balance, a late budget bill is subject to the "Late Payment Charges" specified in the "Payment for Service" subsection of this Section 2. Any late payment charges will be applied to the budget amount.

For delinquent budget billing accounts where there is a:

- Debit balance, or balance due the Company, the delinquency in payment is subject to the provisions of "Refusal or Disconnection of Service" and "Disconnection for Delinquent Bills" subsections of this Section 2.
- Credit balance that is less than the delinquency in payment is subject to the provisions of "Refusal or Disconnection of Service" and "Disconnection for Delinquent Bills" subsections of this Section 2.
- Credit balance, or balance due the Customer, budget billing may be terminated 30 days after the budget bill becomes delinquent.



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Canceling Original Sheet No. 26

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## SECTION 2 - CUSTOMER POLICIES

Applicable to All Rates and Riders

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### **BUDGET BILLING (continued)**

#### Cancellation

Budget Billing may be cancelled:

- Upon Customer request.
- When service is cancelled.
- For failure to pay.

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For balances:

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- Owed the Company, the Customer may be required to pay the amount owed before cancellation.
- Owed the Customer, the Customer shall have the option to:
  - Request application of the credit balance to the next bill(s).
  - Request a direct refund of the credit balance so long as the Customer does not have a past due balance.

If the balance in a Customer's budget account at the time of the Customer's annual review is a:

- Debit balance:
  - The balance is spread balance evenly over next 12 months and included in Budget Billing payment.
  - When requested, the debit balance will be applied to the next bill.
- Credit balance:
  - The balance is spread evenly over next 12 months and included in Budget Billing payment.
  - When requested, the balance will be refunded by application to the next bill(s).
  - When requested, credit balances exceeding \$25 will be refunded directly.

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## **SECTION 2 - CUSTOMER POLICIES**

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### **PAYMENT FOR SERVICE**

Bill payment options include:

- US Mail.
- Automatic withdrawal from the Customer's bank account.
- Automated phone system or Company phone representative.
- Company web site.
- Electronic payment.
- Company office.
- Authorized walk-in payment location - third party processor may charge the Customer directly for any transaction fees.
- Credit and debit card – third party processor may charge the Customer directly for any transaction fees.
- Other options may be added as they become available.

Physically delivered payments are considered received the same day. Electronic payments are considered received when the electronic payment notification is received. Bills are considered paid timely if paid on or before the due date of the bill.

#### **Late Payment**

Late payment charges of one and one-half percent (1.5%) will be charged on unpaid balances in accordance with Section 20.4(12) of the Iowa Administrative Code.

One (1) late payment charge will be forgiven per calendar year if it is received after the due date. The Customer will be notified on the next bill when the forgiveness has been granted.



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## **SECTION 2 - CUSTOMER POLICIES**

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### **PAYMENT FOR SERVICE (continued)**

#### **Dishonored Payments**

If the Customer's payment is not honored by a financial institution, a charge will be assessed. (Refer to the "Miscellaneous Fees and Charges" section of this Tariff.) If the Customer has a calendar year history of returned or dishonored payments, payment by cash, cashier's check, certified check, or money order may be required.



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### **PAYMENT AGREEMENT (PA)**

When a Residential Customer cannot pay a past-due bill in full, or has an outstanding debt for utility service, and is not in default of a Payment Agreement, the Company will offer the option of retiring the debt by making periodic payments of specific amounts due at scheduled times, plus the current monthly bill, to bring an account to a current status.

The Customer will be allowed one late payment if it is received four days or less past the due date.



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## SECTION 2 - CUSTOMER POLICIES

Applicable to All Rates and Riders

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### **PAYMENT AGREEMENT (PA) (continued)**

#### Reasonable PA

A reasonable payment agreement will consider:

- Current household income.
- Ability to pay.
- Payment history.
- Size of the bill.
- How long and why the bill has been outstanding.
- Special circumstances creating extreme hardships.

#### Confirmation

Confirmation of financial difficulty may be required through state or local agencies.

#### Payment Period

The Customer will be offered the option of spreading payments evenly over the following minimum time periods:

| Customer  | Minimum Time Period |
|---|---------------------|
| Current Customer  | 12-month period     |
| Customer who has been disconnected for 120 days or less   | 12-month period     |
| Customer who has been disconnected for more than 120 days | 6-month period      |

The Company and the Customer may agree to a shorter time period.

The Company shall offer a second PA for a Customer who is in default of a first PA if the Customer has made at least two consecutive full payments under the first payment agreement.



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### **PAYMENT AGREEMENT (PA) (continued)**

The second PA:

- Shall be the same term or longer than the first PA.
- Shall require the Customer to pay for both:
  - Current service.
  - Monthly payments under the second PA.
- As a condition of entering into a second PA, the Customer may be required to make the first payment up-front.

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## SECTION 2 - CUSTOMER POLICIES

Applicable to All Rates and Riders

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### **PAYMENT AGREEMENT (PA) (continued)**

#### **Budget Billing**

The Company may require the Customer to enter into Budget Billing to pay the current bill under the first and/or second PA.

#### **Refusal**

If a Customer is refused a PA, a written reason for the refusal will be provided in accordance with Section 20.4(11)d of the Iowa Administrative Code.

#### **Agreements**

The Company shall provide a signed copy of the agreement when the Customer makes the agreement in person.

The Company shall render a written document to the Customer within three days of making an agreement over the telephone or through electronic transmission. The document shall be considered rendered when deposited in the U.S. mail with postage prepaid. If delivery is by other than U.S. mail, the document shall be considered rendered to the Customer when delivered to the last-known address of the person responsible for payment for the service. The written document will state:

- The terms and conditions of the agreement.
- The address and a toll-free number to reach a qualified representative.
- That by making the first payment, the Customer confirms acceptance of the terms of the oral or electronic agreement.
- That unless the Customer notifies the Company within ten (10) days, the Customer accepts the terms of the agreement.





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### **BILLING ADJUSTMENTS**

#### Code

Billing adjustments will be made in accordance with Section 20.4(14) of the Iowa Administrative Code.

#### Reasons for Billing Adjustments:

Billing adjustments may be made for incorrect:

- Rate application.
- Measuring of the quantity or volume of service.
- Reading of the meter.
- Connection of the metering installation.
- Meter multiplier.
- Meter registration.
- Class of service.

No billing adjustment will be made for Customer wastage or accidental grounding.

The Company will provide assistance to any Customer who has abnormally high use by:

- Discussing readily identifiable patterns of usage.
- Suggesting an energy audit.
- Identifying sources of conservation information and financial assistance that may be available to the Customer.

#### Meter Registration Errors

Billing adjustments:

- Will be made if a meter that is fast is determined to be in error more than:
  - For watthour metering, two percent (2%)
  - For demand metering, 1.5% in addition to the errors allowed under accuracy of demand metering.
- May be made if a meter that is slow or creeping is determined to be in error more than two percent (2%).

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## SECTION 2 - CUSTOMER POLICIES

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### **BILLING ADJUSTMENTS (continued)**

#### Refund of Adjustment for Meter Registration Errors

Overcharges will be refunded from the time the problem began (if known) or the lesser of:

- ½ the time since the meter installation.
- ½ the time since the last meter test.

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#### Refund of Adjustment for Other than Meter Registration Errors

The time period for which the Company is required to adjust, refund, or credit the Customer's bill shall not exceed five (5) years unless otherwise ordered by the Board.

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#### Minimum Refund

If the recalculated bills indicate that \$5 or more is due an existing Customer or \$10 or more is due a person no longer a Customer of the Company, the refund shall be the full amount of the calculated difference between the amount paid and the recalculated amount. Refunds shall be made to the two most recent Customers who received service through the metering installation during the time the error existed. In the case of a previous Customer who is no longer a Customer of the Company, a notice of the amount subject to refund shall be mailed to such previous Customer at the last-known address, and the Company shall, upon demand made within three months thereafter, refund the same.

Refunds shall be completed within six months following the date of a meter installation test.



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## SECTION 2 - CUSTOMER POLICIES

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### **BILLING ADJUSTMENTS (continued)**

#### **Backbill Adjustment for Meter Registration Errors**

Undercharges will be backbilled from the time the problem began (if known) or the lesser of:

- ½ the time since the meter installation or
- ½ the time since the last meter test.

The time period for which the Company may adjust for the undercharge shall not exceed six (6) months unless otherwise ordered by the Board.

#### **Backbill Adjustment for Other than Meter Registration Errors**

The time period for which the Company may adjust for the undercharge shall not exceed six (6) months unless otherwise ordered by the Board.

#### **Minimum Backbill**

An existing Customer may be backbilled if the Customer was underbilled \$500 or more; however, the Company may backbill for a lesser amount in the case of incorrect monthly meter reading.

#### **Interest**

No interest will be charged on backbills or paid on refunds.



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## SECTION 2 - CUSTOMER POLICIES

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### **METER TESTS**

#### Request

The Company will test meters at the Customer's request unless the meter has been tested within the preceding 18 months. The Customer or their representative may be present for the test.

Refer to the "Miscellaneous Fees and Charges" section of this Tariff for specific charges.

#### Notification of Results

A written report with the results of the test will be mailed within ten (10) days.

#### Billing Adjustments

Billing adjustments or refunds determined to be necessary as a result of the meter test will be made in accordance with the "Billing Adjustments" subsection of this Section 2 and Section 20.4(14) of the Iowa Administrative Code.

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## SECTION 2 - CUSTOMER POLICIES

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### **REFEREE TESTS**

A referee test is meter accuracy test which is conducted and supervised by the Board.

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#### **Request**

A request for a referee test must be made in writing to the Board, accompanied by a deposit (check or money order), referenced in the "Miscellaneous Fees and Charges" section of this Tariff. The check or money order must be made payable to the Company. The deposit will be forwarded by the Board to the Company.

Referee tests will not be performed more than once every 18 months.

#### **Schedule**

The Board will notify the Company of the referee test within five (5) days. The Company will not remove or adjust the meter and will schedule the test with the Customer and Board within 30 days.

#### **Notification of Results**

The Board will issue a report within 15 days to all parties. If the meter is not accurate within two percent ( $\pm 2\%$ ) the Company will return the deposit.

#### **Billing Adjustments**

Billing adjustments or refunds determined to be necessary as a result of the referee test will be made in accordance with the "Billing Adjustments" subsection of this Section 2 and Section 20.4(14) of the Iowa Administrative Code.



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## **SECTION 2 - CUSTOMER POLICIES**

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### **DISPUTED BILLS**

The Customer may dispute a bill in a manner that clearly defines the disputed amount. To avoid credit action, the Customer must pay any undisputed portion of the bill while negotiations are in progress.

Credit action for non-payment of the disputed portion of the bill will be delayed, up to 45 days, while the Customer conducts bona fide discussions with the Company to settle the dispute in a timely fashion.

Additional extensions will be handled in accordance with Section 20.4(15) of the Iowa Administrative Code.



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## SECTION 2 - CUSTOMER POLICIES

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### **CUSTOMER COMPLAINTS**

The Company will employ the following procedures to effectively resolve Customer complaints.

| Step | If                           | Then   |
|------|------------------------------|--|
| 1    | Customer inquiry is received | Resolve at initial point of contact, if possible.  |
| 2    | Unresolved at Step 1         | <ul style="list-style-type: none"><li>• Note on the Customer's account.</li><li>• Promptly forward inquiry to appropriate management employee or department with authority to take appropriate action.</li></ul> |
| 3    | Unresolved at Step 2         | Name, address and phone number of the Iowa Utilities Board are provided.   |

Utility service will not be discontinued for a Customer with a complaint pending before the Board so long as the Customer has complied with the "Disputed Bills" subsection of this Section 2.

The Company will notify Customers monthly of their right to file a complaint and how to contact the Iowa Utilities Board.

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## **SECTION 2 - CUSTOMER POLICIES**

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### **RESEARCH FOR CUSTOMERS**

The Company will maintain a Customer contact center where Customers may reach a Company representative and receive current information. The Company will periodically notify Customers how to reach the center.

A Customer or an Agent may request Customer-specific information that includes electric usage for the last 24 billing periods. The Company will provide this information at no cost upon receipt of a valid request for such information. Requests for more extensive research not to exceed 5 years of billing history, special handling, special bill preparation, or billing delivery methods other than delivery via standard U.S. mail or standard e-bill, may require reimbursement to the Company for time and materials associated with such request.

Requests may be made by contacting the Customer contact center at (888) 427-5632 or on the Company's web site, [www.midamericanenergy.com](http://www.midamericanenergy.com).





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## **SECTION 2 - CUSTOMER POLICIES**

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### **DIVERSION OR UNAUTHORIZED USE OF SERVICE**

#### **Diversion of Service**

Diversion of service is defined as unauthorized bypass of or tampering with Company equipment with the intent to steal or benefit from unmetered service.

When diversion of service is discovered, service is subject to immediate disconnection without notice. Service will not be resumed until all required payments have been made.

Charges to resume service may include:

- Backbilling of the estimated cost of electricity not recorded on the meter for the entire period of the diversion.
- Investigation and backbilling expenses.
- Collection and court costs.
- Costs incurred to repair and/or replace Company equipment.
- Costs incurred to tamper-proof the equipment, including costs to relocate an inside meter to the outside of the building.
- Credit Assurance.
- Reconnection charge.

The diversion of service will be documented on the Customer's account and criminal action may follow.



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## SECTION 2 - CUSTOMER POLICIES

Applicable to All Rates and Riders

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### **DIVERSION OR UNAUTHORIZED USE OF SERVICE (continued)**

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#### Unauthorized Use of Service

Unauthorized use is defined as a person or Premises receiving benefit of metered utility service without the consent of the Company.

When unauthorized use of service is discovered, service is subject to immediate disconnection without notice. Service will not be resumed until all required payments have been made.

Charges to resume service may include:

- Backbilling of the estimated cost of unauthorized use.
- Investigation and backbilling expenses.
- Costs incurred to repair and/or replace Company equipment.
- Costs incurred to tamper-proof the equipment, including costs to relocate an inside meter to the outside of the building.
- Credit Assurance.
- Reconnection charge.

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**SECTION 2 - CUSTOMER POLICIES**Applicable to All Rates and Riders

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**REFUSAL OR DISCONNECTION OF SERVICE**

If, after a review of Company records, an outstanding debt is found in the Customer's name, the Customer may be required to pay the outstanding debt, make a Payment Arrangement, and/or provide Credit Assurance as specified in the subsection "Credit Assurance at Service Application" of this Section 2.

**Refusal or Disconnection of Service with Notice**

The Company may refuse or disconnect service and/or remove the meter with appropriate notice, provided the Company has met all other requirements of the Iowa Administrative Code, for the following reasons:

- Failure to pay a past-due bill for the same class of utility service.\*
- Failure to provide Credit Assurance required by the Company.\*
- Failure to comply with the terms of a payment agreement.
- Failure to permit reasonable access to Company equipment.
- Violation of or non-compliance with Company Rules on file in this Tariff.
- Failure of the Customer to furnish:
  - Service equipment.
  - Permits.
  - Certificates.
  - Rights-of-way.
- Failure to fulfill a contractual obligation imposed as a condition of obtaining service by any contract filed with and subject to the regulatory authority of the Iowa Utilities Board.
- If the individual requesting service is either not creditworthy or not able to satisfy requirements for Credit Assurance.

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\*Exceptions: See the "When Refusal or Disconnection of Service is Prohibited" subsection of this Section 2.



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## **SECTION 2 - CUSTOMER POLICIES**

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### **REFUSAL OR DISCONNECTION OF SERVICE (continued)**

#### **Notice of Disconnection**

The Company will give the Customer at least 12 days' written notice and provide a summary of the Customer's rights and responsibilities before disconnection occurs in accordance with Section 20.4(15) of the Iowa Administrative Code. If the Residential Customer has a payment agreement and the Customer fails to make payment by the due date or within the grace period if applicable (Section 20.4(11)"c"(1)"4"), the Company may disconnect upon one day's notice unless all the money the Customer owes is paid or the Customer is eligible for or enters into another payment agreement.

#### **Customer Contact**

If a Residential Customer fails to respond to the written notice before the due date, the Company will make a diligent attempt to contact the Customer prior to disconnection of electric service.



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## **SECTION 2 - CUSTOMER POLICIES**

Applicable to All Rates and Riders

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### **REFUSAL OR DISCONNECTION OF SERVICE (continued)**

#### **Posting of Notice**

During the period from November 1 through April 1, a notice informing the Customer of the pending disconnection and the Customer's rights and responsibilities to avoid disconnection will be posted at the Premises at least one day prior to disconnection if:

- The Company is unable to contact the Customer by phone or in person, or
- It is known that the occupant of the Premises is not the Customer of record.

#### **Rental Units**

If an attempt at personal or telephone contact of a Customer occupying a rental unit has been unsuccessful, the landlord of the rental unit, if known, shall be contacted to determine if the Customer is still in occupancy and, if so, the Customer's present location. The landlord shall also be informed of the date when service may be disconnected. The landlord/owner of the rental unit is responsible for notifying the Company of ownership.

If the disconnection will affect the occupants of a rental unit leased from the Customer, the Company will post the Premises, at least two days prior to disconnection, with a notice informing any occupants of the date and reasons for disconnection.

#### **Third-Party Notification**

With written authorization by the Customer, a specified third party may receive a copy of the Customer's disconnection notice.



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## **SECTION 2 - CUSTOMER POLICIES**

Applicable to All Rates and Riders

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### **WHEN DISCONNECTION OF SERVICE WILL BE DELAYED**

#### **Residential**

The Company will delay disconnection of service for non-payment:

- During a weekend or holiday.
- Between 2 p.m. and 6 a.m.
- If the accuracy of the Customer's bill is in dispute, and the Customer pays the undisputed portion under the provisions of "Disputed Bills" subsection of this Section 2.
- For 24 hours if the National Weather Service forecast for the next 24 hours includes a forecasted temperature of 20 degrees Fahrenheit or lower in the area where the residence is located.
- For up to 30 days from the date the Company receives a written verification from a physician or public health official that states all of the following:
  - Disconnection of service would present an especial danger to the health of any permanent resident of the Premises.
  - The name of the person endangered.
  - A statement indicating the person endangered is a permanent resident at the Premises.
  - The nature of the health danger.
  - The approximate length of time that the danger will continue.
  - The name, business address, and telephone number of the physician or public health official providing the written verification.
- Between November 1 and April 1, for 30 days if the Company is informed that a household may qualify for winter energy assistance or weatherization funds.



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## **SECTION 2 - CUSTOMER POLICIES**

Applicable to All Rates and Riders

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### **WHEN DISCONNECTION OF SERVICE WILL BE DELAYED (continued)**

#### **Non-Residential**

The Company will delay disconnection of service for non-payment:

- During a weekend or holiday.
- Between the hours of 2 p.m. and 6 a.m.
- If the accuracy of the Customer's bill is in dispute and the Customer pays the undisputed portion under the "Disputed Bills" subsection of this Section 2.

#### **Reconnection after Disconnection**

Before service will be reconnected, the Customer must meet the requirements of "Reconnection of Service" subsection of this Section 2.

### **REFUSAL OR DISCONNECTION OF SERVICE WITHOUT NOTICE**

The Company may refuse or disconnect service without notice for the following reasons:

- A condition on the Customer's Premises is determined by the Company to be unsafe or unhealthy.
- Customer use of equipment in a manner that adversely affects the Company's equipment or utility service to others.
- Tampering with Company equipment. A broken or absent meter seal alone shall not constitute tampering.
- Diversion, unauthorized or fraudulent use of service.
- As requested in cooperation with civil authorities.

Only the Company or authorized Company representative has the right to disconnect service to any Customer and to remove its property from the Customer's Premises after applicable notice.



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## **SECTION 2 - CUSTOMER POLICIES**

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### **WHEN REFUSAL OR DISCONNECTION OF SERVICE IS PROHIBITED**

The following will NOT constitute sufficient cause for refusal of service to an applicant nor disconnection of service to a Customer:

All Customers:

- Failure to pay for merchandise purchased from the Company.
- Failure to pay for backbilling as addressed in the subsection "Billing Adjustments" of this Section 2.
- Failure to pay for a different class of utility service.
- The delinquency in payment of a previous occupant of the Premises to be served.
- Failure to pay the bill of another Customer as guarantor.

Residential Customers only:

If MidAmerican is notified that one of the heads of household is a service member deployed for military service, disconnection shall not take place:

- During deployment.
- Prior to 90 days after the end of deployment.

The Customer remains responsible for payment of all utility charges associated with the Premises.

During the period from November 1 through April 1:

- If the Customer has been certified by the local community action agency as being eligible for assistance – through the Low Income Home Energy Assistance Program (LIHEAP).
- For failure to pay a deposit or provide Credit Assurance for the location at which the Customer has been receiving service.





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## **SECTION 2 - CUSTOMER POLICIES**

Applicable to All Rates and Riders

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### **RECONNECTION OF SERVICE**

Service that has been disconnected will be reconnected after the Customer has remedied the reason for disconnection, which may include the following:

- Paid the delinquent bill or, if eligible, entered into a payment agreement.
- Established Credit Assurance.
- Furnished satisfactory evidence of compliance with Company's rules or terms and conditions.

#### **Reconnection Charge**

In order for service to be restored, the Customer must also pay a service reconnection charge as set forth in the "Miscellaneous Fees and Charges" section of this Tariff.

One (1) reconnection charge will be waived each year.

#### **Timing of Reconnection**

If payment or other arrangements are made by 7 p.m., all reasonable efforts will be made to reconnect service that day.

If payment or other arrangements are made after 7 p.m., all reasonable efforts will be made to reconnect service not later than 11 a.m. the next day.

Reconnection charges are referenced in "Miscellaneous Fees and Charges" section of this Tariff.



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## SECTION 3 - TECHNICAL AND OPERATIONAL REQUIREMENTS

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### **STANDARD SERVICE**

#### General

A normal installation will be in accordance with the "Expansion of Distribution System" section of this Tariff and will be:

| Type of Customer                                       | Normal Installation  |
|--|--|
| Residential  | One single-phase service per single family.                      |
| Commercial/Industrial                                  | One service per structure at one standard voltage.               |
| Multiple-unit Dwelling and Pre-manufactured Home Parks | One service per clustered meter setting at one standard voltage. |

Any additional service provided to isolated and distinct Residential Customer facilities will be installed as excess facilities at Customer expense and will be separately metered and billed at the applicable tariff rate for the additional facility.



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## SECTION 3 - TECHNICAL AND OPERATIONAL REQUIREMENTS

Applicable to All Rates and Riders

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### **STANDARD SERVICE (continued)**

#### Type of Service

The type of service available depends on

- Location.
- Character of the Customer's load.
- Size of the Customer's load.

It is the Customer's responsibility to contact the Company prior to design of the Customer's electrical system to determine the type of service available at any specific location.

The Customer should be aware that not all voltages are available at all locations.

#### Standard Types of Service

The standard types of service offered within the Company's service territory are listed below. All are 60 Hertz alternating current.

| Voltage       | Wire       | Phase        |
|---------------|------------|--------------|
| 120-volt      | Two-wire   | Single-phase |
| 120/240 volt  | Three-wire | Single-phase |
| 120/208 volt  | Three-wire | Single-phase |
| 120/208 volt  | Four-wire  | Three-phase  |
| 120/240 volt* | Four-wire  | Three-phase  |
| 277/480 volt  | Four-wire  | Three-phase  |

\* Available only in overhead areas.

Service at other voltages may be available for approved loads in certain areas.



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## **SECTION 3 - TECHNICAL AND OPERATIONAL REQUIREMENTS**

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### **STANDARD SERVICE (continued)**

#### Detailed Description

For a detailed description of various typical service installations, refer to the Electric Service Manual, available on MidAmerican's website at [www.midamericanenergy.com](http://www.midamericanenergy.com).

### **NON-STANDARD SERVICE**

The Company will install facilities adequate to meet the Customer's anticipated load as a standard installation.

If the Customer desires facilities other than standard installation, the Customer must contact the Company to determine availability and possible charges.



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## **SECTION 3 - TECHNICAL AND OPERATIONAL REQUIREMENTS**

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### **FACILITIES PROVIDED BY THE COMPANY**

The Company will furnish and install all equipment up to the Point of Attachment, including meters and metering equipment. The Customer may be charged for non-standard metering facilities. Depending on the nature of the Customer's load (e.g., high reactive load), the Company may require the Customer to furnish, install and maintain the appropriate correction equipment on the Customer's side of the Point of Attachment or reimburse the Company for such correction equipment.

All meters, electrical facilities, and other equipment furnished and installed by the Company on the Customer's Premises shall remain the property of the Company. This includes any poles, transformers, switchgear, handholes, pedestals, or other equipment required to serve Customers, regardless of any advance or contribution in aid of construction required.

Such property of the Company will be maintained, repaired and replaced by the Company; however, costs incurred by the Company may be assessed to the Customer in accordance with the "Expansion of Electric Distribution System" and "Existing System Modification" sections of this Tariff.



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## **SECTION 3 - TECHNICAL AND OPERATIONAL REQUIREMENTS**

Applicable to All Rates and Riders

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### **CUSTOMER RESPONSIBILITIES**

The Customer shall inform the Company as to the size and characteristics of the load that is to be initially and thereafter served, the location of the Premises, the date the Customer anticipates the need for said service and any special circumstances or conditions affecting the supply of electric service by the Company.

#### **Protection of Facilities**

The Customer must exercise reasonable care to protect Company property from loss or damage. The Customer shall be responsible for any damage, alteration or interference with Company metering or any other electric facilities on the Customer's Premises, by the Customer or any other party on such Premises, whether authorized or unauthorized by the Customer. No one other than an agent of the Company shall be permitted to operate, remove or make any alterations or changes to such property. The Customer is responsible for providing employees or duly authorized agents of the Company safe and convenient access to Company facilities on the Customer's Premises at all reasonable hours.

The Customer shall exercise due care to avoid unsafe or unsanitary conditions near the Company's meter(s) or other service facilities located on the Customer's Premises.

#### **Pole Attachments**

Nothing shall be attached to Company poles without a contractual agreement with the Company.

#### **Performing Work**

Any work on Company equipment or facilities shall only be performed by qualified Company employees or other Company-authorized personnel. Such work shall include but not be limited to connections of Customer-owned wires or cable to Company-owned transformers and switches.



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## SECTION 3 - TECHNICAL AND OPERATIONAL REQUIREMENTS

Applicable to All Rates and Riders

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### **CUSTOMER RESPONSIBILITIES (continued)**

#### Rejection or Termination of Service

The Company shall have the right to reject any application for service or to terminate service to any Customer whose Premises, operation, or electric utilization, in the judgment of the Company:

- Are dangerous to persons or are otherwise unsafe in the vicinity of the Company's meter or other facilities.
- Adversely affect service to other Customers.
- Do not comply with safety and operating standards.
- Make relocation of electric facilities or metering equipment necessary. The Company will relocate such facilities at the Customer's expense to an acceptable location on the Customer's Premises.

#### Notice of Changes Affecting Company Facilities

The Customer shall promptly notify and receive approval from the Company of any significant changes in operation or equipment at the Customer's Premises which might endanger or affect the proper functioning or require modification of the Company's metering or other electric facilities used in providing service to the Customer or cause a condition where such facilities would not comply with applicable laws, ordinances or codes.



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## SECTION 3 - TECHNICAL AND OPERATIONAL REQUIREMENTS

Applicable to All Rates and Riders

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### **CUSTOMER RESPONSIBILITIES (continued)**

#### Payment for Facilities

The Customer shall pay to the Company the cost of:

- Any equipment the Company deems necessary to protect Company facilities located on the Customer's Premises
- Any change or relocation of the Company's electric facilities on or adjacent to the Customer's Premises in order for the Company to comply with proper operational requirements, requirements of applicable laws, ordinances or codes, or Company standards and policies, when the need for such changes results from significant changes at the Customer's Premises. Requirements related to relocation of equipment resulting from Customer expansions can be found in the "Expansion of Electric Distribution System" or "Existing System Modifications" sections of this Tariff.
- Moving or replacing electric facilities to accommodate a change in grade levels, buildings, structures, foundations, walls, or other changes that would affect the clearances and/or cover of electric distribution system extensions or services. The Customer shall notify the Company prior to any such change.
- Any damage to the Company's facilities caused by or as a result of the Customer's operations or the manner in which the Customer uses the Company's facilities.
- Any repairs, replacement, rerouting, relocation or re-engineering of any Company facilities necessitated by the Customer's request, or due to the Customer's negligence or the Customer's failure to properly comply with any obligations.

Failure of the Customer to pay for facilities installed by the Company shall be grounds for disconnection of electric service.





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## SECTION 3 - TECHNICAL AND OPERATIONAL REQUIREMENTS

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### **CUSTOMER RESPONSIBILITIES (continued)**

#### One-call Notification

The Customer is responsible for locating and marking all Customer-owned facilities prior to any construction. The Company shall not be responsible for damage to any facilities the Customer fails to accurately locate and mark.

The Customer is required by Chapter 480, Code of Iowa, to notify the one-call notification center prior to beginning any excavation. The free one-call service can be obtained by the Customer as follows:

| Step | Action  |
|------|---|
| 1    | At least 48 hours (excluding Saturdays, Sundays and legal holidays) before digging begins, notify the "one-call" service at:<br>811 (preferred)<br>or 1-800-292-8989. |
| 2    | Indicate where and when digging will occur.   |
| 3    | Provide the name and phone number of the individual to be contacted by the Company.   |



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## SECTION 3 - TECHNICAL AND OPERATIONAL REQUIREMENTS

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### **CUSTOMER RESPONSIBILITIES (continued)**

#### Clearances

The Customer shall:

- Maintain, and shall not compromise, adequate clearances in proximity to Company facilities.
- Notify the Company of any construction of Customer facilities that may result in changes in clearance or grade.

#### Space to be Provided

The Customer shall provide unobstructed right-of-way and appropriate space for any:

- Company poles.
- Padmount transformers.
- Switchgear.
- Handholes.
- Pedestals.
- Meters.
- Other equipment required to serve Customers.

#### Company Access

The Customer shall provide and maintain safe and convenient access to Company facilities at all reasonable hours. Such access shall include providing the Company with:

- Unobstructed right-of-way for Company personnel and equipment or facilities over, across, under and upon property owned or controlled by the Customer as necessary to supplying service to Customers.
- The right to trim and remove trees and other vegetation as deemed necessary by the Company to provide reliable service.

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## SECTION 3 - TECHNICAL AND OPERATIONAL REQUIREMENTS

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### **CUSTOMER RESPONSIBILITIES (continued)**

#### Customer-owned Equipment

The Customer is solely responsible for installation, maintenance and replacement of facilities for all Customer-owned equipment. Customer equipment shall not negatively impact other Customers in the area.

If the Customer has motors, computers, electronic or electrical equipment that may be damaged by irregularities or interruption of service, the Customer is responsible for the purchase and installation of suitable protective equipment. Protection should be in accordance with the National Electrical Code or other guideline for all types of motors and other equipment.

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## SECTION 3 - TECHNICAL AND OPERATIONAL REQUIREMENTS

Applicable to All Rates and Riders

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### **CUSTOMER RESPONSIBILITIES (continued)**

The following are conditions under which motors and other equipment may require protection:

- Overload.
- Loss of voltage.
- High or low voltage.
- Loss of phase(s) (e.g., single phasing).
- Re-establishment of service after any of the foregoing phase reversal.
- Motors that cannot be subjected to full voltage on starting.
- Harmonics or wave form irregularities.

#### Compliance with Codes

The Customer shall install all Customer-owned electrical equipment in a condition:

- In accordance with the National Electrical Code, National Electrical Safety Code, applicable laws, rules, and regulations.
- Acceptable to and approved by the governmental inspection authority having jurisdiction in the territory in which the Customer's Premises is located.
- In accordance with the Company's standards.

If any questions concerning the compliance of the Customer's equipment arise, Company personnel will provide further assistance.



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## SECTION 3 - TECHNICAL AND OPERATIONAL REQUIREMENTS

Applicable to All Rates and Riders

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### METERING FACILITIES

One (1) metering point will be permitted for each building using electricity. Exceptions will be made with Company approval or where required by local ordinance.

All sales of electric service will be metered except where specifically exempted within a rate class or where, at the sole discretion of the Company, it is impractical or unsafe and the amount of service used may be reasonably computed without metering.

#### Master Metering

Master metering means a single meter used to determine the amount of electricity provided to a multi-occupancy building or multiple-building complex. Master metering to multiple buildings is prohibited, except where multiple buildings are owned by the same person or entity.

#### Multi-occupancy or Multiple-building Complex Metering

Electric service rendered to each tenant in a multi-occupancy building or multiple-building complex shall be metered separately and shall be billed directly to that tenant, unless the owner or landlord of the building(s) elects to furnish space heating, hot water service, or other similar service from a centralized (that is, outputs of such equipment are combined in a single header or plenum) system.

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Common electric service may be measured through a single meter provided that:

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- Such service is taken in the name of the owner or landlord.
- The tenant may be charged for electricity as an unidentified portion of the rent, condominium fee, or similar payment.
- If some other method of allocating the cost of the electric service used, the total charge for electric service shall not exceed the total electric bill charged by the Company for the same period.

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## SECTION 3 - TECHNICAL AND OPERATIONAL REQUIREMENTS

Applicable to All Rates and Riders

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### **METERING FACILITIES (continued)**

#### Multi-occupancy or Multiple-building Complex Metering (continued)

Separate metering is not required for:

- Units within buildings normally considered to be temporary domiciles, such as hotels, dormitories, health care facilities, and nursing homes.
- Portions of buildings in which separate metering is impractical, such as concession stands in lobbies or individual offices that share office service areas.
- Multiple-unit buildings or multiple-building complexes that are designated as congregate, assisted-living care facilities for elderly or handicapped persons.
- Where submetering or resale of service was permitted prior to 1966.
- Where individual metering is impractical.  
“Impractical” means:
  - Where conditions or structural barriers exist in the multi-occupancy building that would make individual meters unsafe or physically impossible to install.
  - Where the cost of providing individual metering exceeds the long-term benefits of individual metering.
  - Where the benefits of individual metering (reduced and controlled energy consumption) are more effectively accomplished through a master meter arrangement.

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## **SECTION 3 - TECHNICAL AND OPERATIONAL REQUIREMENTS**

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### **METERING FACILITIES (continued)**

#### Interval Metering

Interval meters are meters which provide measurement of electric consumption such that usage information is available for discrete increments (e.g., hourly, daily) throughout the metering period.

A Customer may request that interval metering equipment be installed for the Customer by the Company but such installation shall be at the Customer's expense. The Company will own, furnish, install, calibrate, test, maintain, and read meters used for billing and settlement purposes. The Customer is required to provide a communication line (telephone, cellular phone, or Internet TCP/IP) or other interfaces agreed to by the Company for automated transmission of interval data. Access shall be provided by the Customer to the Company for maintaining and operating such equipment. Charges associated with the incremental cost of requested interval metering, including any costs associated with meter reading, shall be consistent with the terms of the Company's Excess Facilities Rider.



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## SECTION 3 - TECHNICAL AND OPERATIONAL REQUIREMENTS

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### **METERING FACILITIES (continued)**

#### Meter Replacement

When the Customer has a significant decrease in load or has their service rate reassigned due to a decrease in load, and the Customer's existing meter is inadequate or incompatible with the new electric service rate, the Customer may be required to reimburse the Company for the cost of replacing the meter.

When the Customer has a significant increase in load and the Customer's existing meter is inadequate or incompatible with the requirements of measuring the increased load, the Company will replace the meter consistent with the terms in the "Existing System Modifications" section of this Tariff.

#### Additional Metering Information

Additional guidance on metering facilities can be found in the Electric Service Manual, available on MidAmerican's website at: [www.midamericanenergy.com](http://www.midamericanenergy.com).





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## SECTION 3 - TECHNICAL AND OPERATIONAL REQUIREMENTS

Applicable to All Rates and Riders

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### INSPECTIONS

#### Company Inspection

For protection of Company facilities and to safeguard service to others, the Company reserves the right to inspect the following at any time:

- Service entrance.
- Meter location.
- Customer's electric facilities.

#### Refusal of Service

The Company may refuse to connect service or may disconnect service if the Customer's facilities, in the Company's opinion, do not comply with safety and operating standards, including:

- The National Electrical Code® (NEC®).\*
- The National Electrical Safety Code (NESC).
- The Iowa Electrical Safety Code.
- Applicable local codes.

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If inspection by a municipality or other governmental agency is required for service at a new location, the Company will not connect service until such inspection is completed. The Company is not responsible for payment of these inspection fees.

#### Company Liability

Any inspection by the Company shall not be construed to impose any liability upon the Company to the Customer or any other person by reason thereof. The Company shall not be liable or responsible for any loss, injury or damage which may result from the use of or defects in the Customer's wiring or equipment.

\* National Electrical Code® and NEC® are registered trademarks of the National Fire Protection Association, Inc., Quincy MA 02269.



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## **SECTION 3 - TECHNICAL AND OPERATIONAL REQUIREMENTS**

Applicable to All Rates and Riders

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### **PARALLEL GENERATION OPERATION**

For the safety of Customer and Company personnel and equipment, the operation of Customer-owned generating equipment in parallel with the Company's system is prohibited without express written agreement between the Customer and the Company.



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## **SECTION 4 – EXPANSION OF ELECTRIC DISTRIBUTION SYSTEM**

Applicable to All Rates and Riders

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### **APPLICABILITY**

The provisions of this section pertain to any expansion of the Company's electric Distribution System, whether it includes an Extensive Plant Addition, Plant Addition, Electrical Line Extension or a Service Line.

### **DEFINITIONS**

In addition to terms previously defined in the section "Electric Service Policies," the following definitions are used in this section:

Abnormal Conditions means circumstances that cause increased installation costs for a Distribution System Expansion including but not limited to frozen ground, rock, safety issues, legal problems, routing, right-of-way acquisition, obstructions, hindrances, crop damage, governmental or third-party requirements.

Applicant means a Customer, developer, subdivider, property owner(s) or other entity that requests and/or contracts for electric service requiring Extensive Plant Additions, Plant Additions, Electrical Line Extensions and/or Service Line.

Attachment Period means a time period within which the Applicant must attach to an Electrical Line Extension. The Attachment Period will be between 30 days and one year, as agreed upon by the Company and the Applicant.

Construction Costs means the materials, labor and miscellaneous costs associated with an Extensive Plant Addition or an Electrical Line Extension. It does not include the cost of Service Lines.

Distribution System for the purposes of determining Extensive Plant Addition, Plant Addition, and/or Electrical Line applicability, means all electric facilities other than Service Lines used to deliver electricity.



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## SECTION 4 – EXPANSION OF ELECTRIC DISTRIBUTION SYSTEM

Applicable to All Rates and Riders

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### **DEFINITIONS (continued)**

Distribution System Expansion means any expansion of the Company's Distribution System, including Extensive Plant Additions, Plant Additions and Electrical Line Extensions. It does not include Service Lines.

Electrical Line Extension for purposes of calculating extension charges means that portion of a single or multiphase power line extension other than a Service Line on public or private right-of-way whose purpose is to connect the Company's existing power line to a new Customer or Customer location.

Equivalent Overhead Transformer Cost means the capitalized transformer cost, or fraction thereof, that would be required for similarly situated customers served by pole-mounted or platform-mounted transformer(s).

Extensive Plant Addition means facilities required before the Customer can be served that:

- Are other than Plant Additions paid by the Company, Electrical Line Extension or Service Line including but not limited to:
  - Electric power line upgrades.
  - Transmission lines.
  - Substation facilities.
- Infrastructure improvements that are not currently budgeted or economically justified.

Income Tax Surcharge is the amount which a Refundable Advance or Nonrefundable Contribution must be increased to pay the increased income taxes incurred by the Company on Refundable Advances and Nonrefundable Contributions taken.

Nonrefundable Contribution means an amount paid after construction by a Customer and/or Applicant to Company that is not subject to refund.

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## SECTION 4 – EXPANSION OF ELECTRIC DISTRIBUTION SYSTEM

Applicable to All Rates and Riders

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### **DEFINITIONS (continued)**

Non-Residential Service for purposes of determining Extensive Plant Additions, Electrical Line Extension and/or Service Line applicability means the electric utility service rendered which does not meet the definition of Residential Service.

Permit Fees means those costs imposed upon the Company by a governmental unit or other entity having the authority to levy such charges, that are incurred by the Company in association with making the Distribution System expansion for the Applicant(s). Permit Fees are not subject to refund nor Income Tax Surcharge.

Plant Addition is additional plant, other than Electrical Line Extension or Service Line, that the Company will construct without charge to the Applicant.

Refundable Advance means an amount normally paid by Customer and/or Applicant to Company prior to construction that potentially may be refunded in whole or in part, when certain conditions are met.

Residential Service for purposes of determining Electrical Line and/or Service Line applicability means the electric service rendered to one (1) Customer qualifying for a Residential rate.

Revenue Credit is the amount of Customer revenue used to offset the Construction Costs for Distribution System Expansions in determining if a Customer must pay a Refundable Advance or, in limited cases, a Nonrefundable Contribution.

Service Line is a secondary line operating at less than 2,000 volts between ungrounded conductors, or less than 1,155 volts between grounded and ungrounded conductors located on private property serving a single Customer or Point of Attachment for electric service.

Similarly Situated Customer is a Customer whose annual consumption or service requirements are similar to the Applicant requesting the Distribution System Expansion.



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## SECTION 4 – EXPANSION OF ELECTRIC DISTRIBUTION SYSTEM

Applicable to All Rates and Riders

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### **DEFINITIONS (continued)**

Speculative Electric Customer is a Customer whose energy use is related to diminishing resources such as, but not limited to, sand and gravel plants, facilities whose permanent and continuing use of service is questionable, or other facilities whose use of service is intermittent and/or difficult to accurately estimate.

Standard Equivalent Service Cost means the Service Line allowance which is the installed cost equivalent of 50 feet of single-phase overhead conductor, excluding abnormal construction conditions or unusual expenditures.

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Subdivision means a parcel or parcels of land consisting of four (4) or more lots whose site plan or plats have been recorded with the appropriate governmental agencies.

Surety means a bond, contract, or guarantee by the Applicant or on behalf of the Applicant to pay a Refundable Advance due to the Company, or to guarantee Revenue Credit.

Temporary Electric Service means a location where service is to be of a temporary nature with anticipated electricity use of less than three (3) years.



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## **SECTION 4 – EXPANSION OF ELECTRIC DISTRIBUTION SYSTEM**

Applicable to All Rates and Riders

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### **GENERAL**

The Company's electric Distribution System includes both overhead and underground facilities.

Distribution System Expansions will normally be made by construction of additional overhead facilities except:

- In newly platted residential developments.
- In other Company designated underground areas.

Overhead facilities will not normally be constructed into areas designated by the Company for underground facilities except:

- Electric supply lines bringing power to the area, principally three-phase feeder lines.
- Transmission lines.

Electrical Line Extensions required for Temporary Electric Service and Speculative Electric Service are addressed under the "Temporary Electric Service" and "Speculative Electric Service" subsections, respectively, of this Section 4.

Distribution System Expansions and Service Lines shall remain the sole property of the Company, regardless of any Customer Refundable Advance or Nonrefundable Contribution.



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## **SECTION 4 – EXPANSION OF ELECTRIC DISTRIBUTION SYSTEM**

Applicable to All Rates and Riders

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### **APPLICANT REQUIREMENTS**

#### **Notify the Company of the Expansion Before Starting Work**

The Applicant is advised to contact the Company to make the necessary arrangements with respect to Distribution System expansion before proceeding with the design and construction of the facilities for which electricity service is required.

If an expansion of the Company's Distribution System is necessary in order to serve an Applicant, the Company shall make the Distribution System expansion in accordance with the provisions in this Section 4. The Applicant must agree to the provisions of this section before the Distribution System expansion is made. The procedure to order Electrical Line Extensions and/or Service Lines is contained in the Company's Electric Service Manual, available at [www.midamericanenergy.com](http://www.midamericanenergy.com).

#### **Provide Adequate Space**

An Applicant shall be responsible for providing space for any:

- Company poles.
- Padmount transformers.
- Switchgear.
- Handholes.
- Pedestals.
- Other equipment required to serve Customers.
- Suitable right-of-way, acceptable to the Company.
- Necessary easements for Extensive Plant Additions and Electrical Line Extensions located on the Customer's property.
- Specific requirements as outlined in the Company's Electric Service Manual, available on MidAmerican's website at: [www.midamericanenergy.com](http://www.midamericanenergy.com)





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## SECTION 4 – EXPANSION OF ELECTRIC DISTRIBUTION SYSTEM

Applicable to All Rates and Riders

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### **APPLICANT REQUIREMENTS (continued)**

#### **Provide Right-of-Way or Easements Without Charge to the Company**

The Applicant must provide, without cost, such unobstructed right-of-way for Company equipment or facilities over, across, under and upon property owned or controlled by the Applicant or Customer as is necessary and incidental to supplying service to Customers. The Applicant is responsible for any expense to the Company for:

- Acquisition of suitable right-of-way acceptable to the Company.
- Proper clearing of right-of-way and easements for adequate clearances or to final grade.
- Any additional easements required that are not on Customer property.

Such right-of-way shall include the right to trim or remove trees and other vegetation as deemed necessary by the Company to provide reliable service. The Customer must permit Company access to such right-of-way at all reasonable hours.

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#### **Reimbursements Required**

Permit Fees shall be reimbursed by the Applicant. Such fees are to be paid regardless of whether the Customer pays a Refundable Advance or Nonrefundable Contribution and:

- Must be paid in advance.
- Are not refundable.
- Are not subject to Income Tax Surcharge.
- Shall not be offset by Revenue Credit.



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## SECTION 4 – EXPANSION OF ELECTRIC DISTRIBUTION SYSTEM

Applicable to All Rates and Riders

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### **APPLICANT REQUIREMENTS (continued)**

#### **Conformance with Iowa State Building Code**

The Applicant will be required to certify or provide certification that a new structure conforms to the energy conservation requirements in the Iowa State Building Code (IAC Subrules 661.303(3) and (4)) if the facility to which service is to be extended is:

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- A new structure heated or cooled by electric service.
- Intended for human occupancy.

An Applicant requesting a Distribution System Expansion will be required to pay a Refundable Advance to the extent the estimated Construction Costs for the requested expansion exceed the Applicant's revenue credit. See subsection "Refundable Advances."

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### **DISTRIBUTION SYSTEM FACILITIES PROVIDED**

The Company shall provide Extensive Plant Additions and/or Electrical Line Extensions for Applicant(s) that requests and/or contracts for electric service requiring such electric facilities in accordance with good engineering practice. If the estimated Construction Costs to provide the Extensive Plant Additions and/or Electrical Line Extension exceeds the Customer's Revenue Credit, the Applicant will pay, in advance of construction, a Refundable Advance to the Company equal to the difference between the estimated Construction Costs and the Revenue Credit.

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A Refundable Advance shall be made for the estimated Construction Cost exceeding the revenue credit as outlined in the "Refundable Advances" subsection of this Section 4."

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## **SECTION 4 – EXPANSION OF ELECTRIC DISTRIBUTION SYSTEM**

Applicable to All Rates and Riders

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### **CONSTRUCTION COSTS**

Construction Costs are calculated using average current costs in accordance with good engineering practice.

- For estimated Construction Costs less than \$100,000 there is no true-up to actual costs.
- Estimated Construction Costs of \$100,000 or greater will be trued-up to actual costs as specified in the facilities agreement between the Company and the Applicant.

Standard Construction Costs may include:

- Materials and accessories required to construct a line including:
  - Padmount transformers less the Equivalent Overhead Transformer Cost.
  - Switchgear, switches, fusing cabinets, conductor, cable, poles, elbows, fuses and lightning arrestors.
  - Any other construction material.



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## **SECTION 4 – EXPANSION OF ELECTRIC DISTRIBUTION SYSTEM**

Applicable to All Rates and Riders

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### **CONSTRUCTION COSTS (continued)**

Should the Applicant wish or require a more expensive Extensive Plant Addition, Plant Addition, or Electrical Line Extension design than the Company proposes based on good engineering practice, the Applicant must pay, as a Refundable Advance, the difference between the higher cost design and the Company's design or facilities normally provided.

Costs for Service Lines shall not be included in the Construction Costs for Distribution System Expansion and shall not be offset by Applicant's Revenue Credit.

### **REVENUE CREDIT**

Revenue Credit is the amount of estimated Applicant revenue that may be used to offset the estimated Construction Costs for a requested Distribution System Expansion. The Applicant must reimburse the Company for any remaining amount after offset as a Refundable Advance.

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The Revenue Credit is set at three (3) times the estimated annual revenue, less both fuel expenses and energy efficiency cost recovery charges that the Company expects to receive from the Applicant.

Estimated annual revenues are calculated on the basis of similarly situated Customers, taking into account several factors, including, but not limited to, the following:

- Size of the Applicant's facility.
- Size and type of equipment to be used by the Applicant.
- Average annual amount of service required by the equipment.
- Average number of hours per day and days per year the equipment will be in use.



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## **SECTION 4 – EXPANSION OF ELECTRIC DISTRIBUTION SYSTEM**

Applicable to All Rates and Riders

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### **REVENUE CREDIT (continued)**

Where estimates of the Applicant's estimated annual revenues are in dispute or are, in the Company's sole discretion, not able to be calculated:

- The Applicant must pay the total cost of the Distribution System Expansion at the time of construction.
- After one year, the Company will apply a credit of three times the Customer's actual annual revenue, less both fuel expenses and energy efficiency cost recovery charges.

### **ADDITIONAL APPLICANT COSTS**

#### Abnormal and Unusual Conditions

When Abnormal Conditions are present and/or unusual expenditures are required, Applicants shall pay the Company a Refundable Advance for the excess costs to be incurred by the Company in order to expand the system. Such charges are subject to Income Tax Surcharges.

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#### Permit Fees

The Applicant shall pay actual Permit Fees. Permit Fees may not be offset by Revenue Credit and are to be paid regardless of whether the Applicant is required to pay a Refundable Advance or a Nonrefundable Contribution.



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## **SECTION 4 – EXPANSION OF ELECTRIC DISTRIBUTION SYSTEM**

Applicable to All Rates and Riders

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### **ADDITIONAL REQUIREMENTS FOR EXPANSION TO SUBDIVISIONS**

#### **Subdivision Requirements**

The Applicant in an area to be served by electric facilities will be required to furnish the Company with the following items:

- Suitable recorded plats and valid title restrictions or covenants.
- Final site or plot plans showing specific locations of all existing or proposed buildings, water mains, sewer tiles, paved areas, and any other obstacles that are or will be below grade. The final site or plot shall also include the final lot numbering system and/or final address numbers, if applicable.

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#### **Agreements Required**

The Company will not begin installation of electric facilities until agreements between the Company and the Applicant setting forth the obligations and liabilities of the parties have been obtained. The agreements shall include:

- The Company's estimates of all payments, reimbursements, and deposits, if any, to be made by the Applicant.
- Arrangements satisfactory to the Company with regard to payments, reimbursements, and deposits, if any, made prior to the commencement of the installation of such electric facilities. The arrangements can include, but are not limited to, payment of estimates in advance of the installation and credit or collateral agreements.



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## SECTION 4 – EXPANSION OF ELECTRIC DISTRIBUTION SYSTEM

Applicable to All Rates and Riders

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### **ADDITIONAL REQUIREMENTS FOR EXPANSION TO SUBDIVISIONS (continued)**

#### Prior to Construction

Before the Company begins to install electric facilities, the Applicant will be required to:

- Provide approved site or plot plans.
- Provide clearance and remove obstructions from the Company's construction route and from the area to be used for installation of electric facilities and provide access to the area for the Company's equipment.
- Establish the final grade of the route upon which the Company's electric facilities will be located and stake or otherwise identify property boundaries, as required.
- Provide visible lot pins or stakes in all lot corners adjacent to the easement areas at such intervals as may be designated by the Company.
- Notify the Company sufficiently in advance of construction to permit proper coordination of construction with other utilities involved.

#### Residential Subdivision

Electrical Line Extensions in newly platted subdivisions will be made on the same cost basis to Customers as Electrical Line Extensions along private right-of-way.

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## **SECTION 4 – EXPANSION OF ELECTRIC DISTRIBUTION SYSTEM**

Applicable to All Rates and Riders

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### **ADDITIONAL REQUIREMENTS FOR UNDERGROUND SYSTEM EXPANSIONS**

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#### **Site Requirements**

The Applicant is responsible for site preparation including removal and restoration of:

- Obstructions.
- Sod.
- Landscaping features.
- Other conditions that impede installation of Company facilities.





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## SECTION 4 – EXPANSION OF ELECTRIC DISTRIBUTION SYSTEM

Applicable to All Rates and Riders

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### **ADDITIONAL REQUIREMENTS FOR UNDERGROUND SYSTEM EXPANSIONS** **(continued)**

#### Changes After Start of Construction

The Applicant will be charged for relocating any Company facilities after construction is started as a result of changes in:

- Grade changes in excess of four inches.
- Lot line(s).
- Site conditions including driveways, fences, or other impediments to construction.
- Easement boundaries which had previously been considered final.

#### Other Underground Facilities Requirements

The Applicant may be responsible for duct and transformer pads if requested by the Company as follows:

- For Residential Service, Applicant is responsible for the:

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  - Installation of duct to accommodate Company cable under pavement or obstructions.
  - Installation of duct to accommodate Company cable in rear lot lines when requested by the Applicant, developer, or governmental unit.
- For Non-Residential Service, including multiple-unit dwellings and mobile home parks, the Applicant is responsible for the:

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  - Installation of duct to accommodate Company cable on private property.
  - Construction and maintenance of transformer pads for multiphase service in accordance with Company specifications.



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## **SECTION 4 – EXPANSION OF ELECTRIC DISTRIBUTION SYSTEM**

Applicable to All Rates and Riders

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### **ADDITIONAL REQUIREMENTS FOR SYSTEM EXPANSIONS COSTING \$100,000 OR MORE**

The Company will not begin installation of electric facilities for Distribution System Expansions estimated to cost \$100,000 or more until agreements between the Company and the Applicant or Applicant's agent setting forth the obligations and liabilities of the parties have been obtained. The agreements shall include:

- The Company's estimates of all payments reimbursements, reconciliations, and deposits, if any, to be made by the Applicant or Applicant's agent.
- Arrangements satisfactory to the Company with regard to payments, reimbursements, and deposits, if any, made prior to the commencement of the installation of such electric facilities. The arrangements can include, but are not limited to, payment of estimates in advance of installation, minimum monthly contributions, and credit or collateral agreements.

Construction Costs shall be based on the actual cost of the Distribution System Expansion required to provide electric service to the Applicant. The method of reconciliation and cost recovery or credit for any discrepancy shall be specified in the agreement.

For Construction Costs that are expected to exceed \$1 million, the Company may require additional Surety equal to the Applicant's Revenue Credit. The additional Surety shall be:

- In addition to any Refundable Advance.
- An unconditional and non-expiring irrevocable letter of credit or alternative form of security acceptable to the Company.
- In effect on a declining basis until such time as the actual revenue less both fuel expenses and energy efficiency cost recovery charges paid by the Customer, is equal to the Revenue Credit.

At the Company's sole discretion, additional Surety may be waived after review in accordance with standard commercial practices.



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## **SECTION 4 – EXPANSION OF ELECTRIC DISTRIBUTION SYSTEM**

Applicable to All Rates and Riders

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### **ADDITIONAL REQUIREMENTS FOR TEMPORARY ELECTRIC SERVICE**

An Applicant requesting Temporary Electric Service is subject to the provisions in this section, “Expansion of Electric Distribution System.” In addition to right-of-way, easements, and permit costs, the Applicant shall pay the cost of installation and removal of temporary Electrical Line Extension, Service Line, and any other facilities of a temporary nature, less the salvage value of facilities removed, as a Nonrefundable Contribution. Such costs associated with the temporary facilities shall not be offset by Revenue Credit.

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Estimated Construction Costs for any portion of the Electrical Line Extension that is not of a temporary nature may be offset by Revenue Credit and any remaining cost paid separately as a Refundable Advance. The Company shall not be required to make any refunds to the Temporary Electric Service Customer for Service Line attachments made after the Temporary Electric Service Customer’s service is removed.

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### **ADDITIONAL REQUIREMENTS FOR SPECULATIVE ELECTRIC SERVICE**

A Speculative Electric Customer(s) requesting an Extensive Plant Addition or Electrical Line Extension is subject to the provisions in this section, “Expansion of Electric Distribution System” and in addition, must pay all estimated Construction Costs as a Refundable Advance.

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Refund amounts for a Speculative Electric Customer will be an amount equal to 50 percent of actual annual revenues less both fuel expenses and energy efficiency cost recovery charges for the preceding year, refunded at the end of each year for six years, except that the total refunded must not exceed the amount of the original Refundable Advance.

### **ADDITIONAL REQUIREMENTS FOR APPLICANT’S FAILURE TO ATTACH WITHIN THE ATTACHMENT PERIOD**

Should the Applicant fail to attach within the Attachment Period, a Refundable Advance or Nonrefundable Contribution equal to the Construction Costs of the Distribution System Expansion and/or Service Line will be required.



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## **SECTION 4 – EXPANSION OF ELECTRIC DISTRIBUTION SYSTEM**

Applicable to All Rates and Riders

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### **SERVICE LINES**

An Applicant, either Residential or Non-Residential, requiring a Service Line will be provided the Standard Equivalent Service Cost at no charge to the Applicant. Any costs that exceed the Standard Equivalent Service Cost will be paid by the Applicant as a Nonrefundable Contribution and shall not be offset by Revenue Credit.

The Company will discuss the location of the Service Line with the Applicant and the Company will make the final determination for each of the following:

- Point on its system where the Service Line will originate.
- Point of Attachment of Company facilities to Applicant's facilities.
- Meter location.

### **Customer-Owned Underground Facilities**

Any Customer-owned underground facilities shall be marked on the Premises by the Customer or shall be shown on the diagram in the completed service agreement. During the installation of the Service Line and thereafter, the Company will not be responsible for damage to any Applicant- or Customer-owned underground facilities if not marked or improperly marked, such as but not limited to: septic lines, water lines, electric wires, fuel gas lines, invisible fencing, irrigation lines, storm water/foundation drains or communication lines.

### **Residential Underground Service Lines**

In addition to the applicable requirements in the subsection "Additional Requirements for Underground System Expansions" of this Section 4, a Residential Applicant may, with agreement of the Company, install their own underground Service Line, which will become the property of the Company. The Applicant will be required to pay the applicable Income Tax Surcharges on the value of the Service Line installed by the Applicant.



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## **SECTION 4 – EXPANSION OF ELECTRIC DISTRIBUTION SYSTEM**

Applicable to All Rates and Riders

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### **SERVICE LINES (continued)**

#### **Non-Residential Underground Service Lines**

In addition to the applicable requirements in the subsection “Additional Requirements for Underground System Expansions” of this Section 4, a Non-Residential Applicant, including multiple-unit dwellings and pre-manufactured home parks, will provide, install, and maintain the Service Line to the Point of Attachment to Company facilities as specified by the Company.\*

For specific service entrance equipment, installation and maintenance requirements refer to the Electric Service Manual, which can be found at [www.midamericanenergy.com](http://www.midamericanenergy.com).

\*The Company will credit the Standard Equivalent Service Cost to the cost of the Service Line and/or related equipment provided by the Company. Any additional cost of the underground service will be paid by the Applicant as a Nonrefundable Contribution.

### **AGREEMENTS REQUIRED**

An Applicant will enter into an agreement with the Company for each of the following, as applicable when:

- Required to pay a Refundable Advance.
- Required to pay a Nonrefundable Contribution.
- An Extensive Plant Addition is needed to serve the Applicant’s electric load.
- Additional Surety is required as a result of Construction Costs expected to exceed \$1 million.

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2<sup>nd</sup> Substitute Original Sheet No. 86  
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## SECTION 4 – EXPANSION OF ELECTRIC DISTRIBUTION SYSTEM

Applicable to All Rates and Riders

### SUMMARY OF CUSTOMER PAYMENTS THAT MAY BE APPLICABLE

The table, below, provides a summary of payments that may be applicable for Distribution System expansion and is not intended to replace the detailed provisions of this Section 4.

| <b>Nonrefundable Payments</b>  | <b>Refundable Advances</b>  |
|--|---|
| <b>Including Income Tax Surcharge</b>  | <b>Including Income Tax Surcharge</b>   |
| <ul style="list-style-type: none"><li>• Service Line costs in excess of Standard Equivalent Service Cost.</li><li>• Installation and removal costs of temporary facilities for Temporary Electric Service.</li></ul> | <ul style="list-style-type: none"><li>• Where estimated Construction Costs exceed Revenue Credit for Distribution System Expansions.</li><li>• Cost of abnormal and unusual conditions.</li><li>• As additional Surety equal to the Revenue Credit for Construction Costs over \$1 million.</li><li>• Where estimated Construction Costs exceed Revenue Credit for the portion of Temporary Electric Service facilities that are not temporary.</li><li>• Total estimated Construction Costs for Speculative Customers.</li><li>• Total Construction Costs of expansion if attachment is not made during the Attachment Period.</li></ul> |
| <b>No Income Tax Surcharge</b>   |   |
| <ul style="list-style-type: none"><li>• Permit fees.</li></ul>   |   |

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## SECTION 4 – EXPANSION OF ELECTRIC DISTRIBUTION SYSTEM

Applicable to All Rates and Riders

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### TIMING OF REQUIRED PAYMENTS

#### Prior to the Start of Construction

##### Refundable Advances

All Refundable Advances required for Distribution System expansions will be made no more than 30 days prior to the start of construction, unless other arrangements have been made with the Company. Payments for Refundable Advances must be made in cash, check, money order, or at the Company's sole discretion, by Surety instrument.

##### Permit Fees

Permit Fees must be paid prior to the start of construction and payment must be made in cash, check, or money order.

#### Following Completion of Construction

##### Nonrefundable Contributions

All Nonrefundable Contributions for Service Lines will be made within 30 days after completion of the construction subject to the Nonrefundable Contribution. Any Customer that fails to pay any or all Nonrefundable Contributions or fees will be subject to disconnection. If the Customer is not the Applicant that contracted with the Company, the Customer will not be disconnected for failure of the Applicant to pay. Payments for Nonrefundable Contributions must be made in cash, check, or money order.

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### REFUNDABLE ADVANCES

An Applicant requesting a Distribution System Expansion may be required to pay a Refundable Advance. The Refundable Advance payment(s) will include an Income Tax Surcharge to fully reflect the potential tax effects on the Company.



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## **SECTION 4 – EXPANSION OF ELECTRIC DISTRIBUTION SYSTEM**

Applicable to All Rates and Riders

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### **REFUNDABLE ADVANCES (continued)**

An Applicant shall always have the option to make a Refundable Advance in the form of cash. The Company, in its sole discretion, may make available to the Applicant other Refundable Advance options including non-expiring irrevocable letters of credit, Surety bonds or other payment and refund arrangements agreed to by the Company.

Such Refundable Advance is in addition to Permit Fees. The Refundable Advance shall be refundable for ten (10) years. Refunds will be made for each new Service Line attachment to the Distribution System Expansion. No interest will be paid on Refundable Advances held by the Company.

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Refunds will be made annually on or about the anniversary date the Refundable Advance was made. The refund will have a cash value equal to the Revenue Credit for the attaching Service Line(s) or new load, plus a pro rata share of the Income Tax Surcharge. The total refunded shall not exceed the amount of the original Refundable Advance. Refunds will only be made to the original contributor unless assigned in a form acceptable to the Company by such original contributor.

### **Surety Instruments**

If a Surety instrument is used, the amount must include:

- The amount of the Refundable Advance.
- A surcharge equal to the annual interest rate paid by the Company on Customer credit assurance deposits multiplied by the amount of the Refundable Advance.

The Surety must remain in force until called by the Company, at the earlier of the following:

- At the end of one year from the date of the Refundable Advance.
- When the earned revenues are equal to the amount of the Refundable Advance.





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## **SECTION 4 – EXPANSION OF ELECTRIC DISTRIBUTION SYSTEM**

Applicable to All Rates and Riders

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### **REFUNDABLE ADVANCES (continued)**

When called by the Company, the Applicant must pay the Company the amount of the surcharge in cash, check, or money order.

If there are not sufficient earned refunds when the Surety is called to offset the full amount of the original Refundable Advance, the Applicant must provide a new Refundable Advance to cover the remaining amount.

Upon receipt of a new Refundable Advance, the Company will release the prior surety. Earned refunds will be credited against the new Refundable Advance over the remainder of the original refund period.

The Applicant may continue to provide a Surety as a Refundable Advance each year until the end of the ten-year refund period. At that time, the Refundable Advance becomes nonrefundable and must be paid in cash, check, or money order.

### **NONREFUNDABLE CONTRIBUTIONS**

The Company will increase the Nonrefundable Contribution payment(s) required from the Customer as an Income Tax Surcharge to fully reflect the potential income tax effects on the Company.

Payments for Nonrefundable Contributions must be made in cash, check, or money order.



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## **SECTION 5 - EXISTING SYSTEM MODIFICATIONS**

Applicable to All Rates and Riders

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### **APPLICABILITY**

The provisions of this section, "Existing System Modifications," pertain to any changes to the Company's existing electric facilities caused or necessitated by others. The terms and conditions of the "Expansion of Electric Distribution System" section of this Tariff shall also apply, except as modified or supplemented herein.

### **GENERAL**

Conversion of existing overhead facilities to underground or relocation of facilities will be allowed unless an engineering, operating, construction, safety or legal reason would make such installation inadvisable.

### **COST OF MODIFICATIONS**

The Customer(s) or Applicant(s) requesting a conversion or relocation of Company facilities must pay a Nonrefundable Contribution in accordance with the applicable sections of the "Expansion of Electric Distribution System" section of this Tariff. The Nonrefundable Contribution will include:

- The total cost of the requested facilities.
- The cost of removal of existing facilities.
- The total cost of relocating facilities.
- The amount of the applicable Income Tax Surcharge.

See the "Enlargement of Company Facilities" subsection of this Section 5 for applicable charges if the relocation or conversion will result in an increase in load.

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## SECTION 5 - EXISTING SYSTEM MODIFICATIONS

Applicable to All Rates and Riders

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### **RELOCATION OF COMPANY FACILITIES**

#### Customer- or Applicant-Requested Relocations

Existing Customers who are presently served by, or Applicants who have available electric service, but request the Company to relocate, or in some other manner modify these facilities, will reimburse the Company if the Company, at its discretion, agrees to make the requested changes. Such charges will be based on standard job estimation calculations incurred for such work, unless actual costs exceed \$100,000.00, and then actual costs will be used.

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Types of modifications that may fall under this provision include, but are not limited to:

- Relocations required to correct compliance/code violations caused by the Customer.
- Customer-requested relocations or modifications for other reasons.

#### Customer-Imposed Relocations

The Customer is responsible for damage, alteration, or interference with Company metering or other electrical facilities.

The Customer will pay the cost of any change or relocation of the Company's service facilities caused by alterations made by the Customer on Customer's Premises in order to comply with laws, ordinances, codes, and standards.

#### Government-Requested Relocations

The Company will relocate its facilities originally placed on public property at the request of the governmental unit performing road widening or similar public projects in accordance with legal and regulatory requirements.

## SECTION 5 - EXISTING SYSTEM MODIFICATIONS

### Applicable to All Rates and Riders

## RELOCATION OF COMPANY FACILITIES (continued)

## Reimbursement for Government-Requested Relocations

The cost of facility relocation requests on public rights-of-way or private third-party easements, including removal, shall be in accordance with franchises, legal, and/or regulatory requirements and applicable sections of the “Expansion of Electric Distribution System” section of this Tariff and “Cost of Modifications” subsection of this Section 5.

For relocations that are not covered by an applicable franchise agreement, the governmental unit will be given the option to elect whether the Company will charge the:

- Governmental unit directly or
- Customers within the governmental unit's boundaries.

## Charge to Governmental Unit Directly

Should the governmental unit elect by passing a motion, resolution, amendment, or ordinance to be charged directly for the cost of relocating facilities, or the governmental unit fails to make an election, such cost shall be charged to the governmental unit as a Nonrefundable Contribution in accordance with the applicable sections of the “Expansion of Electric Distribution System” and “Additional Applicant Costs” of this Tariff. The Nonrefundable Contribution shall be increased by the amount of the Income Tax Surcharge unless the relocation meets the Internal Revenue Service exceptions for taxable improvements.

## SECTION 5 - EXISTING SYSTEM MODIFICATIONS

Applicable to All Rates and Riders

## RELOCATION OF COMPANY FACILITIES (continued)

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### Charge to Customers within the Governmental Unit's Boundaries

Should the governmental unit elect by passing a motion, resolution, amendment, or ordinance that the Customers within the governmental unit's boundaries are to be charged, the applicable charges for the relocation costs, including applicable Income Tax Surcharge, shall be collected on a per kWh basis from all Customers within the boundaries of the governmental unit as a Local Government Compliance Charge. However, such charges will not be assessed to Company facilities located within the boundaries of the governmental unit. The calculation and current applicable Local Governmental Compliance charges are shown in Clause LGC of this Tariff. Clause LGC shall be applied in a manner which compliments but does not conflict with any applicable franchise agreement. In the case of a conflict between Clause LGC and an applicable franchise agreement, the franchise agreement shall supersede this clause.

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## SECTION 5 - EXISTING SYSTEM MODIFICATIONS

Applicable to All Rates and Riders

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### CONVERSION OF COMPANY FACILITIES

#### Customer- or Applicant-Requested Conversions

Existing Customers who are presently served by, or Applicants who have available, electric service but request the Company to convert its facilities from overhead to underground, or in some other manner modify these facilities, will reimburse the Company if the Company, at its discretion, agrees to make the requested changes. Such charges will be based on standard job estimation calculations incurred for such work, unless actual costs exceed \$100,000.00, and then actual costs will be used.

#### Reimbursement for Customer- or Applicant-Requested Conversions

The cost of facility conversion requests on public rights-of-way or private third-party easements, including removal, shall be paid as a Nonrefundable Contribution and in accordance with applicable subsections of the "Expansion of Electric Distribution System" section of this Tariff and "Cost of Modifications" of this Section 5, above.

#### Government-Requested Conversions

If conversion is required by a governmental unit, the conversion cost will be charged to the governmental unit or to the Company's Customers in the governmental unit.

At such time of the request to convert facilities from overhead to underground, the governmental unit will be given the option to elect whether the Company will charge the:

- Governmental unit directly or
- Customers within the governmental unit's boundaries.

#### Charge to Governmental Unit Directly

Should the governmental unit elect by passing a motion, resolution, amendment, or ordinance to be charged directly for the cost of converting facilities from overhead to underground, or the governmental unit fails to make an election, such cost shall be charged to the governmental unit as a Nonrefundable Contribution in accordance with the applicable sections of the "Expansion of Electric Distribution System" and "Additional Applicant Costs" of this Tariff. The Nonrefundable Contribution shall be increased by the amount of the Income Tax Surcharge unless the conversion meets the Internal Revenue Service exceptions for taxable improvements.

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## SECTION 5 - EXISTING SYSTEM MODIFICATIONS

Applicable to All Rates and Riders

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### **CONVERSION OF COMPANY FACILITIES (continued)**

#### Charge to Customers within the Governmental Unit's Boundaries

Should the governmental unit elect by passing a motion, resolution, amendment, or ordinance that the Customers within the governmental unit's boundaries are to be charged, the applicable charges for the conversion costs, including applicable Income Tax Surcharge, shall be collected on a per kWh basis from all Customers within the boundaries of the governmental unit as a Local Government Compliance Charge. However, such charges will not be assessed to Company facilities located within the boundaries of the governmental unit. The calculation and current applicable Local Governmental Compliance charges are shown in Clause LGC of this Tariff.

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### **SIMULTANEOUS CONVERSION AND RELOCATION OF COMPANY FACILITIES**

#### Customer- or Applicant-Requested Conversions and Relocations

If conversion in conjunction with relocation is required by a Customer or Applicant, both "Relocation of Company Facilities" and "Conversion of Company Facilities" subsections of this Section 5 shall apply.

#### Government-Requested Conversions and Relocations

If conversion in conjunction with relocation is required by a governmental unit, the costs associated with relocation and conversion costs shall be determined separately.

- For the relocation portion of the work, the relocation will be in accordance with the "Relocation of Company Facilities" subsection of this Section 5.
- For the conversion portion of the work, the conversion will be in accordance with the "Conversion of Company Facilities" subsection of this Section 5.



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## **SECTION 5 - EXISTING SYSTEM MODIFICATIONS**

Applicable to All Rates and Riders

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### **ENLARGEMENT OF COMPANY FACILITIES**

#### **System Capacity Enlargement**

A Non-Residential Customer or Applicant that requests or causes an upgrade of the Company's existing facilities may be required, at the Company's sole discretion, to provide additional assurances in the form of cash, non-expiring irrevocable letters of credit, surety bonds, or other payment agreements that allow the Company to recover the cost of such upgrades. Such upgrades shall include, but are not limited to, transmission, substations, and other equipment used to deliver electricity.

The Customer or Applicant will be allowed to use incremental Revenue Credit to determine whether a Refundable Advance is required.

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An existing Customer or Applicant that requests facility additions or modifications including any voltage or phase upgrade to accommodate additional load or change in electrical equipment will be subject to incremental Revenue Credits.





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## SECTION 5 - EXISTING SYSTEM MODIFICATIONS

Applicable to All Rates and Riders

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### **ENLARGEMENT OF COMPANY FACILITIES (continued)**

#### Cost of the Enlargement

The Company shall provide upgrades of the Company's existing Distribution System at no charge to the Customer or Applicant if the estimated Construction Costs to provide the upgrade is less than or equal to the incremental Revenue Credit based on the increase in load by the Customer causing the upgrade of the Company's existing facilities.

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Replacement of the Service Line will be handled as a new service in accordance with the provisions of "Expansion of Electric Distribution System" section of this Tariff.

The Customer or Applicant will be required to make a Refundable Advance for any estimated Construction Costs that are greater than the incremental Revenue Credit resulting from the Customer's additional load.

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## **SECTION 5 - EXISTING SYSTEM MODIFICATIONS**

Applicable to All Rates and Riders

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### **WORK FOR CUSTOMER BENEFIT**

#### **Work Outside Normal Hours**

Any additional costs incurred by the Company for the Customer's convenience will be charged to the Customer. Such costs may include, but are not limited to, overtime charges, callout charges, and expediting charges.

#### **Work on Customer-Owned Facilities**

The Customer may, by agreement with the Company, engage the Company to construct, maintain, or remove electric facilities owned by the Customer. The Company shall charge the Customer for all such work done on the Customer's Premises at market-based rates which fully compensate the Company for its labor, equipment and overhead.

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1<sup>st</sup> Revised Sheet No. 98  
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## **SECTION 6 - MISCELLANEOUS FEES AND CHARGES**

Applicable to All Rates and Riders

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### **LATE PAYMENT CHARGES**

- Customers will be charged one and one-half percent (1.5%) per month on unpaid balances.
- Upon establishment of a Payment Agreement, late payment charges will no longer be charged on the Payment Agreement amount, so long as the monthly bills are paid timely.
- One (1) late payment charge will be waived each year.

### **RETURNED PAYMENTS**

- Customers will be charged \$15 for returned or dishonored payments.

### **METER TESTS**

- A \$25 charge or the actual cost of the test, whichever is less, may be assessed in accordance with Section 20.6(5) of the Iowa Administrative Code.

### **REFEREE TEST**

- A request for a referee test must be made in writing to the Board and must be accompanied by a deposit (\$30 check or money order). The check or money order must be made payable to the Company. The deposit will be forwarded by the Board to the Company.

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### **EXTENSIVE CUSTOMER RESEARCH**

- A request for more extensive research, special handling, special bill preparation, or billing delivery methods other than delivery via standard electronic delivery or through the United States Postal Service (USPS), may require reimbursement to the Company for time and materials associated with such requests.



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Canceling Substitute Original Sheet No. 99

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## **SECTION 6 - MISCELLANEOUS FEES AND CHARGES**

Applicable to All Rates and Riders

---

### **TURN ON SERVICE – CUSTOMER REQUESTED**

- Electric service will be turned on without charge during regular working hours.
- After regular working hours, the Customer will be charged time and materials plus applicable taxes.

### **TURN OFF SERVICE - CUSTOMER REQUESTED**

- Electric service will be turned off without charge during regular working hours.
- After regular working hours, the Customer will be charged time and materials plus applicable taxes.

### **RECONNECTION CHARGE – AFTER DISCONNECTION**

- If service has been disconnected at the meter because of non-payment of the bill or for a violation of Company rules, the Customer shall pay for time and materials plus applicable taxes for reconnection at the meter.
- Customers may be liable for additional costs incurred in disconnecting and reconnecting service other than at the meter.

### **FEES FOR COMBINATION CUSTOMERS**

Combination Customers who take both gas and electric service from MidAmerican Energy Company and:

- Request both gas and electric service be turned on/off on the same day will be charged the lesser of the gas or electric fee for turning service on/off.
- Request both gas and electric reconnected on the same day will be charged the lesser of the gas or electric reconnection fee.

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute Original Sheet No. 99.10  
Canceling Original Sheet No. 99.10

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## SECTION 6 - MISCELLANEOUS FEES AND CHARGES

Applicable to All Rates and Riders

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### **TIME AND MATERIALS FEE**

The time and materials fee will be reviewed annually and adjusted as needed based on actual costs.

### **CURRENT TIME AND MATERIALS FEE**

As of July 31, 2014, the time and materials fees are as follows:

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|--|----------|
| Customer Requested – Same-day Turn On/Off: |          |
| After-hours                                | \$ 73.00 |
| Weekend/Holiday                            | \$ 92.00 |
|  |          |
| Reconnection – After Disconnection:        |          |
| Regular Working Hours                      | \$ 55.00 |
| After-hours                                | \$110.00 |
| Weekend/Holiday                            | \$128.00 |

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## **SECTION 7 - ELECTRIC INTERCONNECTION OF DISTRIBUTED GENERATION FACILITIES**

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### **APPLICABILITY**

This section applies to Qualifying Facilities (QF), qualifying facilities and Alternate Energy Production (AEP) facilities, Net Billing (NB) facilities, and Private Generation (PG Pilot and IO) facilities collectively termed distributed generation facilities herein, seeking to operate in parallel with the Company, provided the facilities are not subject to the interconnection requirements of the Federal Energy Regulatory Commission (FERC) or the Midcontinent Independent System Operator, Inc. (MISO).

### **INTERCONNECTION REQUEST FORMS AND AGREEMENTS**

Pursuant to Iowa Utilities Board rule 199 IAC 45.4(1), Applicants shall use the Board-approved interconnection request forms and agreements that are provided on the Board's website, iub.iowa.gov.

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### **DEFINITIONS**

Terms defined in 199 IAC Chapter 45 (199-45) shall have the same meaning for the purposes of this section as they have in 199-45.

### **TECHNICAL STANDARDS**

The interconnection of distributed generation facilities and associated interconnection equipment to the Company's electric distribution system shall meet the applicable provisions of the publications listed in 199-45.3 and listed below:

- IEEE Standard 1547-2018 - Standard for Interconnecting Distributed Resources with Electric Power Systems or latest edition adopted by the Iowa Utilities Board.
- IEEE Standard 519-1992 - IEEE Recommended Practices and Requirements for Harmonic Control in Electric Power Systems or latest edition adopted by the Iowa Utilities Board.
- IEC/TR3 61000-3-7 - Assessment of emission limits for fluctuating loads in MV and HV power systems or latest edition adopted by the Iowa Utilities Board.
- 199-Chapter 25 - Iowa Electrical Safety Code.
- ANSI/NFPA 70-2017 – American National Standard Institute/National Fire Protection Association National Electrical Code or latest edition adopted by the Iowa Utilities Board.



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## **SECTION 7 - ELECTRIC INTERCONNECTION OF DISTRIBUTED GENERATION FACILITIES**

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### **REQUIREMENT FOR ISOLATION DEVICES**

The Company may require the distributed generation facility to have the capability to be isolated from the Company's electric distribution system. The Company, at its sole discretion, shall specify either:

- A lockable, visible-break AC isolation device accessible by the Company.
- A lockable AC isolation device whose status is indicated and is accessible by the Company.

### **RESPONSIBILITY FOR ISOLATION DEVICES**

Any isolation device required by shall satisfy all of the following:

- Installed, owned, and maintained by the owner of the distributed generation facility.
- Located electrically on the AC system between the distributed generation facility and the point of interconnection.
- Located such that it does not interfere with the Company's present or proposed distribution system.

### **ACCESS TO ISOLATION DEVICES**

The Company and the interconnection customer shall have access to the isolation device at all times. The interconnection customer shall permit the Company to affix a placard in a location of the Company's choosing that provides instructions to the Company operating personnel for accessing the isolation device.

### **OVERCURRENT DEVICES**

The interconnection shall include overcurrent devices on the facility to automatically disconnect the facility at all currents that exceed the full-load current rating of the facility.



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Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute 1<sup>st</sup> Revised Sheet No. 102  
Canceling Substitute Original Sheet No. 102

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## **SECTION 7 - ELECTRIC INTERCONNECTION OF DISTRIBUTED GENERATION FACILITIES**

---

### **DISCONNECTION AND RECONNECTION AFTER UTILITY SUPPLY DISTURBANCE**

Distributed generation facilities must be equipped with automatic disconnection upon loss of electric utility-supplied voltage.

Following disconnection due to a disturbance, the distributed generation facility shall include a delay prior to reconnection after the utility supply steady-state voltage and frequency are restored to levels identified in IEEE 1547 (2018 or latest edition adopted by the Iowa Utilities Board). This delay shall be a fixed five (5) minute delay, or an adjustable delay of up to five (5) minutes.

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### **SYNCHRONISM-CHECK DEVICES**

Facilities that produce a terminal voltage prior to the closure of the interconnection shall be provided with synchronism-check devices to prevent closure of the interconnection under conditions other than a reasonable degree of synchronization between the voltages on each side of the interconnection switch.

### **INSPECTION OF INTERCONNECTION EQUIPMENT**

The operator of the distributed generation facility shall adopt a program of inspection of the generator and its appurtenances and the interconnection facilities in order to determine necessity for replacement and repair. Representatives of the Company shall have access at all reasonable hours to the interconnection equipment for inspection and testing.



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## SECTION 7 - ELECTRIC INTERCONNECTION OF DISTRIBUTED GENERATION FACILITIES

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### **LAB-CERTIFIED EQUIPMENT**

An interconnection request may be eligible for expedited interconnection review under 199-45.8 (476), 199-45.9 (476), or 199-45.10 (476) if the distributed generation facility uses interconnection equipment that is lab-certified.

- Successfully tested in accordance with IEEE Standard 1547.1 (2018 or latest edition adopted by the Iowa Utilities Board) or complies with UL Standard 1741, as demonstrated by any nationally recognized testing laboratory (NRTL) recognized by OSHA to test and certify interconnection equipment.
- Interconnection equipment is labeled and publicly listed by the NRTL at the time of the interconnection application.
- Applicant's proposed use of the interconnection equipment falls within the use or uses for which the interconnection equipment was labeled and listed by the NRTL.
- Generator, other electric sources, and interface components being utilized are compatible with the interconnection equipment and are consistent with the testing and listing specified by the NRTL for this type of interconnection equipment.

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### **EVALUATIONS AND TESTS FOR LAB-CERTIFIED EQUIPMENT**

While lab-certified interconnection equipment shall not require further design testing, product testing, or additional interconnection equipment modification to meet the requirements for expedited review, the Company reserves the right to require interconnection installation evaluation, commissioning tests, witness tests, and/or periodic testing as specified by IEEE Standard 1547 (2018 or latest edition adopted by the Iowa Utilities Board), Section 11.

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Substitute Original Sheet No. 104  
Canceling Original Sheet No. 104

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## **SECTION 7 - ELECTRIC INTERCONNECTION OF DISTRIBUTED GENERATION FACILITIES**

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### **POINT(S) OF INTERCONNECTION**

Multiple energy production devices at a site for which:

- The Applicant rejects a single point of interconnection shall be
  - Evaluated on the basis of separate points of interconnection for each distributed generation facility.
  - Applicant shall pay any additional cost to provide separate points of interconnection.
- The Company rejects, without technical explanation, the Applicant's proposal for a single point of interconnection.

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The Company shall pay any additional cost to provide separate points of interconnection for each distributed generation facility.

### **EMERGENCY DISCONNECTION WITH PRIOR NOTICE**

In the event the Company or its customers experience problems of a type that could be caused by the presence of alternating current or voltages with frequency higher than 60 Hertz, the Company shall be permitted to open and lock the interconnection switch pending a complete investigation of the problem.

### **EMERGENCY DISCONNECTION WITHOUT PRIOR NOTICE**

Where the Company believes the condition creates a hazard to the public or to property, the disconnection may be made without prior notice. The Company shall notify the operator of the distributed generation facility by written notice and, where possible, verbal notice as soon as practicable after the disconnection.



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Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute 1<sup>st</sup> Revised Sheet No. 105  
Canceling Substitute Original Sheet No. 105

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## SECTION 7 - ELECTRIC INTERCONNECTION OF DISTRIBUTED GENERATION FACILITIES

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### **LIABILITY FOR DAMAGES**

If the Company needs to isolate the distributed generation facility, the Company shall not be held liable for any damages resulting from the actions necessary to isolate the generating facility.

### **WITNESS TEST PROCEDURES**

The Company may require a witness test after the distributed generation facility is constructed. The Applicant shall:

- Provide the Company with at least 15 business days' notice of the planned commissioning test for the distributed generation facility.
- Schedule the witness test at a time that is mutually agreeable to the Applicant and the Company.

### **WITNESS TEST PERFORMED BY OTHERS**

In the event the Company, or its representatives, does not witness a commissioning test, the Applicant remains obligated to satisfy the interconnection test specifications and requirements of IEEE Standard 1547 (2018 or latest edition adopted by the Iowa Utilities Board), Section 11.

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The Applicant shall provide a copy of all documentation in its possession regarding the testing conducted pursuant to IEEE Standard 1547.1 (2018 or latest edition adopted by the Iowa Utilities Board) if requested by the Company.

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## **SECTION 7 - ELECTRIC INTERCONNECTION OF DISTRIBUTED GENERATION FACILITIES**

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### **UNACCEPTABLE WITNESS TEST RESULTS**

The Applicant shall be granted 30 business days to address and resolve any deficiencies identified in the witness test.

The time period for addressing and resolving any deficiencies may be extended upon mutual agreement of the Applicant and the Company.

- The Company shall not deny any Applicant's initial request for an extension.
- The Company may deny any subsequent requests for an extension.

Failure to resolve all identified deficiencies to the Company's satisfaction shall deem the interconnection request as withdrawn.



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Filed with the Iowa Utilities Board

Substitute Original Sheet No. 107  
Canceling Original Sheet No. 107

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## **SECTION 7 - ELECTRIC INTERCONNECTION OF DISTRIBUTED GENERATION FACILITIES**

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### **METERING**

Metering requirements shall be identified in the Standard Distributed Generation Interconnection Agreement executed between the interconnection customer and the Company and shall be consistent with the Company's metering rules filed with the Board under 199-20.2(5) and inspection and testing practices adapted under 199-20.6.

### **MONITORING AND CONTROL REQUIREMENTS**

The Company may require monitoring and control of distributed generation facilities when the nameplate capacity rating is greater than one (1) MVA. Requirements shall be reasonable and consistent with the Company's published requirements and clearly identified in the interconnection agreement between the interconnection customer and the Company.

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## **SECTION 7 - ELECTRIC INTERCONNECTION OF DISTRIBUTED GENERATION FACILITIES**

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### **MULTIPLE ENERGY PRODUCTION DEVICES**

Multiple energy production devices at a site for which the Applicant seeks a single point of interconnection shall be evaluated on the basis of the aggregate nameplate capacity of the multiple devices.

### **INCREASE IN CAPACITY**

When an interconnection request is for an increase in capacity for an existing distributed generation facility, the interconnection request shall be evaluated on the basis of the new total nameplate capacity of the distributed generation facility.

### **MODIFICATIONS TO COMPLETED REQUESTS**

When an interconnection request is deemed complete by the Company, any modification that is not agreed to by the Company requires submission of a new interconnection request and application fee.

### **SITE CONTROL**

When an Applicant is not currently a customer of the Company at the proposed site, the Applicant shall provide, upon request, proof of the Applicant's legal right to control the site, evidenced by the Applicant's name on a property tax bill, deed, lease agreement or other legally binding contract.

### **DISPUTES**

The Company shall attempt to resolve all disputes regarding interconnection promptly and in a good-faith manner and in accordance with 199-45.12.



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Filed with the Iowa Utilities Board

Substitute 1<sup>st</sup> Revised Sheet No. 109  
Canceling Original Sheet No. 109

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## **SECTION 7 - ELECTRIC INTERCONNECTION OF DISTRIBUTED GENERATION FACILITIES**

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### **REQUIREMENTS FOR LEVEL 1 REVIEW**

Level 1 expedited review procedure as outlined in 199-45.8 is applicable when each of the following requirements are satisfied:

- The Applicant has filed a Level 1 application with an application fee.
- The distributed generation facility has a nameplate capacity rating of 20 kVA or less.
- The distributed generation facility is inverter-based.
- The customer interconnection equipment proposed for the distributed generation facility is lab-certified.
- No construction of facilities by the Company shall be required to accommodate the distributed generation facility.

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### **REQUIREMENTS FOR LEVEL 2 REVIEW**

Level 2 expedited review procedure as outlined in 199-45.9 is applicable when each of the following requirements are satisfied:

- The Applicant has filed a Level 2 application with an application fee.
- The distributed generation facility has a nameplate capacity rating of 2 MVA or less.
- The customer interconnection equipment proposed for the distributed generation facility is lab-certified.
- The proposed interconnection is to a radial distribution circuit or a spot network limited to serving one customer.
- No construction of facilities by the Company shall be required other than minor modifications to accommodate the distributed generation facility.



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Substitute Original Sheet No. 110  
Canceling Original Sheet No. 110

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## **SECTION 7 - ELECTRIC INTERCONNECTION OF DISTRIBUTED GENERATION FACILITIES**

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### **GENERAL REQUIREMENTS FOR LEVEL 3 REVIEW**

Level 3 review procedures as outlined in 199-45.10 shall be used for evaluating interconnection requests where power will not be exported.

### **REQUIREMENTS FOR LEVEL 3 - LOAD SIDE OF AN AREA NETWORK**

Level 3 expedited review procedure for the load side of an area network is applicable when each of the following requirements are satisfied:

- The Applicant has filed a Level 3 application with an application fee.
- The distributed generation facility has a nameplate capacity rating of 50 kVA or less.
- The customer interconnection equipment proposed for the distributed generation facility is lab-certified inverter-based.
- The distributed generation facility will use reverse power relays or other protection functions.
- The aggregate of all generation on the area network does not exceed the lower of either:
  - Five (5) percent of an area network's maximum load.
  - 50 kVA.
- No construction of facilities by the Company shall be required to accommodate the distributed generation facility.

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## **SECTION 7 - ELECTRIC INTERCONNECTION OF DISTRIBUTED GENERATION FACILITIES**

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### **REQUIREMENTS FOR LEVEL 3 - RADIAL DISTRIBUTION CIRCUIT**

Level 3 expedited review procedure for a radial distribution circuit is applicable when each of the following requirements are satisfied:

- The Applicant has filed a Level 3 application with an application fee.
- The aggregated total of nameplate capacity ratings of all generators on the circuit, including the proposed distributed generation facility is 10 MVA or less.
- The distributed generation facility will use reverse power relays or other protection functions.
- The distributed generation facility is not served by a shared transformer.
- No construction of facilities by the Company shall be required to accommodate the distributed generation facility.



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## **SECTION 7 - ELECTRIC INTERCONNECTION OF DISTRIBUTED GENERATION FACILITIES**

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### **REQUIREMENTS FOR LEVEL 4 REVIEW**

Level 4 review procedure is applicable as outlined in 199-45.11 when each of the following requirements are satisfied:

- The Applicant has filed a Level 4 application with an application fee.
- The distributed generation facility has a nameplate capacity rating of 10 MVA or less.
- Not all of the interconnection equipment or distributed generation facilities being used for the application is lab-certified.

### **REQUIREMENTS FOR NAMEPLATE GENERATION OVER 10 MVA**

If the nameplate capacity of the facility is greater than 10 MVA, the interconnection customer and the Company shall start with a Level 4 review process and standard agreements in Appendices D through G, modified as needed by mutual agreement.

### **SYSTEM IMPACTS**

The Company shall evaluate the potential for adverse system impacts using the screens outlined in 199-45.8(1), 199-45.9(1), 199-45.10(1)e, 199-45.10(1)f, 199-45.11(4) through 199-45.11(7).

### **REJECTION LEVEL REVIEW**

If a distributed generation facility is not approved under a review level, the Company shall provide the Applicant with written notification explaining the reasons for denying the interconnection request.

The Applicant may submit a new interconnection request, including the appropriate application fee, for consideration under a higher level review procedure.



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## **SECTION 7 - ELECTRIC INTERCONNECTION OF DISTRIBUTED GENERATION FACILITIES**

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### **RESUBMITTED INTERCONNECTION REQUESTS**

For denied interconnection requests originally submitted under Level 2 or Level 3, assigned a review order under the original interconnection request, and a new interconnection request is made within 15 business days after original notification is denied, such requests shall retain the position assigned to the original interconnection request.

For a rejected interconnection request under a Level 4 review, the Applicant may submit a new interconnection request under the Level 4 review procedures. The new interconnection request does not retain its position in the review order.

### **WITHDRAWAL OF INTERCONNECTION REQUESTS**

The interconnection request shall be considered withdrawn when:

- Requested by the Applicant in writing.
- If additional information requested by the Company for a complete interconnection request is not provided by the Applicant within ten business days of the request.
- If the Applicant fails to sign and return the interconnection agreement to the Company and does not request an extension in writing:
  - For Level 1 and Level 4: within 30 business days of the issuance of the agreement.
  - For Level 2 and Level 3: within 35 business days of the issuance of the agreement.
- The Applicant fails to resolve all deficiencies identified in the witness test within 30 business days and does not request an extension.



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## **SECTION 7 - ELECTRIC INTERCONNECTION OF DISTRIBUTED GENERATION FACILITIES**

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### **RECORDS**

The Company shall maintain records of the following for a minimum of three years:

- Total nameplate capacity and fuel type of the distributed generation facility.
- Level of review received.
- Whether the interconnection was approved or denied.

### **REPORTS TO THE BOARD**

Beginning May 1, 2011, and each year thereafter, the Company shall file a nonconfidential annual report detailing the information listed in subsection "Records," above, for the previous calendar year.

### **APPLICANT-REQUESTED STUDIES**

Applicants may request and the Company shall provide copies of any studies performed in analyzing the Applicant's interconnection request.

An Applicant may request information regarding prior interconnection requests of other applicants and the Company, at its sole discretion, may provide such studies.




MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
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1<sup>st</sup> Revised Sheet No. 115  
Canceling 3<sup>rd</sup> Substitute Original Sheet No. 115

## SECTION 8 – FORMS AND AGREEMENTS

### STANDARD BILL FORM

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**888-427-5632**  
MidAmericanEnergy.com

**Service For:**  
JOHN DOE  
999 MAIN ST  
IA 12345

Date Billed: 10/30/18  
Account Number: 01234-56789

Page 1 of 3

**Total Amount Due by 11/21/18**

**\$69.26**

A late payment charge of \$1.04 will be assessed if payment is received after 11/21/18.

**Current Charges Summary**

**Last Bill**

**Payments and Credits**


**New Charges**

|  |         |
|--|---------|
| Payments and Credits Applied to Your Account |         |
| 10/15/18 Check                               | \$93.64 |

|                        |         |
|------------------------|---------|
| New Charges This Month |         |
| Electric Charges       | \$29.02 |
| Gas Charges            | \$40.24 |

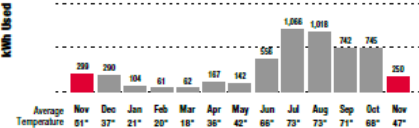
See details about this bill on Page 3

**You Used**




**Electric Usage**

|                       |           |         |
|-----------------------|-----------|---------|
| Monthly kWh Usage     | Last Year | Current |
| 299                   | 299       | 250     |
| Number of Days        | 29        | 29      |
| Average Temperature   | 51°       | 47°     |
| Average Cost per Day  | \$1.12    | \$1.00  |
| Average Usage per Day | 10        | 9       |

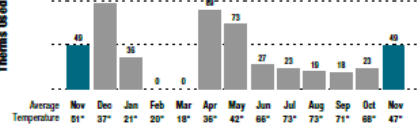


2017 2018




**Gas Usage**

|                       |           |         |
|-----------------------|-----------|---------|
| Monthly Therm Usage   | Last Year | Current |
| 49                    | 49        | 49      |
| Number of Days        | 29        | 29      |
| Average Temperature   | 51°       | 47°     |
| Average Cost per Day  | \$1.42    | \$1.38  |
| Average Usage per Day | 2         | 2       |



2017 2018



Account Number: 01234-56789

**Total Amount Due by 11/21/18**

**\$69.26**

For online bill payment log in to My Account at MidAmericanEnergy.com

1 1 AV 0.378  
\*\*\*\*\*SCH 5-DIGIT 50006  
JOHN DOE  
999 MAIN ST  
%JOE DOAKS  
P O BOX 123  
ALDEN IA 50006-8073

01000123456789000000069260000000703000000000001

I want to contribute to the ICARE program

☐ Monthly ☐ One Time

\$ ☐ min ☐ \$1 ☐ \$5 ☐ \$10

MidAmerican Energy Company  
PO Box 8020  
Davenport IA 52808-8020

Issued: November 28, 2018  
Issued by: Rob Berntsen  
Senior V.P. & General Counsel

Effective: December 31, 2018




MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board


1<sup>st</sup> Revised Sheet No. 116  
Canceling 3<sup>rd</sup> Substitute Original Sheet No. 116


## SECTION 8 – FORMS AND AGREEMENTS

### STANDARD BILL FORM (continued)


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Page 2 of 3


 **Were you unable to resolve a dispute with MidAmerican Energy?** If you have a complaint that is unresolved, you may request assistance from the Iowa Utilities Board by calling 515-725-7321 or the toll-free number, 877-565-4450, writing to 1375 E. Court Ave, Des Moines Iowa 50319-0069, or sending an email to [customer@iub.iowa.gov](mailto:customer@iub.iowa.gov). You may view tariff and rate schedule information on our website at [MidAmericanEnergy.com](http://MidAmericanEnergy.com) or at any of our customer office locations.




To make a payment online, please visit  
[MidAmericanEnergy.com](http://MidAmericanEnergy.com)



To make a phone payment, please call  
888-427-5632



To find the paystation or office closest  
to you, please visit  
[MidAmericanEnergy.com/payment-options.aspx](http://MidAmericanEnergy.com/payment-options.aspx)



To make a payment by mail, send to:  
MidAmerican Energy Company  
PO Box 8020  
Davenport, IA 52808-8020







MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Original Sheet No. 116.1

## SECTION 8 – FORMS AND AGREEMENTS

### STANDARD BILL FORM (continued)

|   |  |  |  |   |  |
|---|--|--|--|---|--|
| <br><b>888-427-5632</b><br>MidAmericanEnergy.com |  | > Date Billed: 10/30/18<br>> Account Number: 01234-56789 |  | > Page 3 of 3                                       |  |
|   |  |  |  | <b>Total Amount Due by 11/21/18</b>                 |  |
|   |  |  |  | <b>\$69.26</b>                                      |  |
| A late payment charge of \$1.04 will be assessed if payment is received after 11/21/18.   |  |  |  |   |  |
|  <b>Electric Charges Detail</b>                  |  |  |  |   |  |
| <b>Meter No: S12345678</b>  |  | 29 Billing Days<br>Company Reading<br>Company Reading    |  | 10/30/18 25701<br>10/01/18 25451                    |  |
|   |  | <b>Total kWh</b>   |  | <b>250</b>  |  |
| <b>Rate: RS Residential Winter</b>  |  |  |  |   |  |
|   |  |  |  | <b>Supply and Delivery</b>                          |  |
|   |  |  |  | <b>\$28.73</b>                                      |  |
|   |  |  |  | ▶ Basic Service Charge \$8.50                       |  |
|   |  |  |  | ▶ Energy Charge 250 X 0.08044 \$20.11               |  |
|   |  |  |  | ▶ Energy Efficiency Charge 250 X 0.00599 \$1.50     |  |
|   |  |  |  | ▶ Rate Equalization Factor 250 X -0.00649 -\$1.62   |  |
|   |  |  |  | ▶ Energy Adjustment Clause 250 X 0.00252 \$0.63     |  |
|   |  |  |  | ▶ Transmission Cost Adjustment 250 X 0.00237 \$0.59 |  |
|   |  |  |  | ▶ Income Tax Adjustment 250 X -0.00391 -\$0.98      |  |
|   |  |  |  | <b>Taxes and Fees</b>                               |  |
|   |  |  |  | <b>\$0.29</b>                                       |  |
|   |  |  |  | ▶ 1.00% Local Option Tax \$0.29                     |  |
|   |  |  |  | <b>Total</b>  |  |
|   |  |  |  | <b>\$29.02</b>                                      |  |
|  <b>Gas Charges Detail</b>                     |  |  |  |   |  |
| <b>Meter No: AE1234567</b>  |  | 29 Billing Days<br>Company Reading<br>Company Reading    |  | 10/30/18 4749<br>10/01/18 4702                      |  |
|   |  | <b>Total ccf</b>   |  | <b>47</b>   |  |
|   |  | Pressure X 0.974   |  |   |  |
|   |  | BTU Factor X 1.069                                       |  |   |  |
|   |  | <b>Total Therms</b>                                      |  | <b>49</b>   |  |
| <b>Rate: SVF Residential</b>  |  |  |  |   |  |
|   |  |  |  | <b>Supply</b>                                       |  |
|   |  |  |  | <b>\$17.49</b>                                      |  |
|   |  |  |  | ▶ Pipeline Transport Charge 49 X 0.08679 \$4.25     |  |
|   |  |  |  | ▶ Gas Supply Charge 49 X 0.27021 \$13.24            |  |
|   |  |  |  | <b>Delivery</b>                                     |  |
|   |  |  |  | <b>\$22.35</b>                                      |  |
|   |  |  |  | ▶ Basic Service Charge \$10.00                      |  |
|   |  |  |  | ▶ Capital Investment Charge \$1.02                  |  |
|   |  |  |  | ▶ Delivery Charge 49 X 0.17993 \$8.82               |  |
|   |  |  |  | ▶ Energy Efficiency Charge 49 X 0.06886 \$3.37      |  |
|   |  |  |  | ▶ Income Tax Adjustment 49 X -0.01762 -\$0.86       |  |
|   |  |  |  | <b>Taxes and Fees</b>                               |  |
|   |  |  |  | <b>\$0.40</b>                                       |  |
|   |  |  |  | ▶ 1.00% Local Option Tax \$0.40                     |  |
|   |  |  |  | <b>Total</b>  |  |
|   |  |  |  | <b>\$40.24</b>                                      |  |
|  KF10311000001020200000                        |  |  |  |   |  |



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet Nos. 117-122  
Canceling Original Sheet Nos. 117-122

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RESERVED FOR FUTURE USE

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet Nos. 123-124  
Canceling Substitute Original Sheet Nos. 123-124

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RESERVED FOR FUTURE USE

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet Nos. 125-141  
Canceling Original Sheet Nos. 125-141

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RESERVED FOR FUTURE USE

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet No. 142  
Canceling Substitute Original Sheet No. 142

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RESERVED FOR FUTURE USE

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet No. 143  
Canceling Original Sheet No. 143

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RESERVED FOR FUTURE USE

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet Nos. 144-145  
Canceling Substitute Original Sheet Nos. 144-145

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RESERVED FOR FUTURE USE

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet Nos. 146-169  
Canceling Original Sheet Nos. 146-169

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RESERVED FOR FUTURE USE

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet Nos. 170-174  
Canceling Substitute Original Sheet Nos. 170-174

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RESERVED FOR FUTURE USE

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet Nos. 175-195  
Canceling Original Sheet Nos. 175-195

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RESERVED FOR FUTURE USE

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Original Sheets No. 196 - 199

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RESERVED FOR FUTURE USE



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute 1<sup>st</sup> Revised Sheet No. 200  
Canceling Substitute Original Sheet No. 200

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## **RATE RS – RESIDENTIAL SERVICE**

---

### **AVAILABLE**

Service under this rate is available to any Residential Iowa Customer for use in a single-family dwelling unit with an annual billed energy usage of 50,000 kWh or less. This service is not available for resale, standby or supplemental service.

### **APPLICATION**

Service under this rate schedule will be furnished only to a single occupancy dwelling. In the case of multifamily dwellings with two (2) or more living units, where service to each individual unit is metered separately, electricity used for hallway lighting and other incidental uses in connection with the operation of such buildings may be served under this rate and may be connected to one (1) of the apartment meters.

Where a portion of a dwelling is used regularly for business or professional purposes, the premises will be classified as non-residential and the appropriate price schedule applied. However, if the service for residential purposes can be metered separately through appropriate wiring, the residential classification will be applied to such service.

Service in this classification is not available for fraternity houses, multiple dwellings with two (2) or more distinct living quarters, or rooming houses with more than four (4) rooms occupied by persons not members of the customer's immediate family.

Service in the classification is not available to unattached structures or other separately-served facilities on residential premises and shall be served under a qualifying non-residential rate.

### **CHARACTER OF SERVICE**

Alternating current, 60 Hz, single- or three-phase, at secondary voltages offered by the Company, and as further described in the Company's terms and conditions.

T



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

2<sup>nd</sup> Revised Sheet No. 201  
Canceling 1<sup>st</sup> Revised Sheet No. 201

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## **RATE RS – RESIDENTIAL SERVICE (continued)**

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### **NET MONTHLY RATE PER METER**

|                              |               |               |
|------------------------------|---------------|---------------|
| <u>Basic Service Charge:</u> | \$8.50        |               |
| <u>Energy Charge:</u>        | <u>Summer</u> | <u>Winter</u> |
| First 1,000 kWh              | \$ 0.10575    | \$ 0.08044    |
| All over 1,000 kWh           | \$ 0.10575    | \$ 0.04536    |

Summer: Applicable during the four monthly billing periods of June through September.

Winter: Applicable during the eight monthly billing periods of October through May.

### **ADJUSTMENT CLAUSES AND RIDERS**

The above rates are subject to:

1. ETA – Electric Tax Adjustment
2. TCA – Transmission Cost Adjustment
3. EAC – Energy Adjustment Clause
4. EECR – Energy Efficiency Cost Recovery Adjustment
5. E – Equalization Adjustment Clause
6. PI – Phase-In Adjustment Clause
7. TERM – Tax Expense Revision Mechanism

N

### **MINIMUM CHARGE**

The minimum charge shall be the total of the Basic Service Charge.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Original Sheet No. 202

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**RATE RS – RESIDENTIAL SERVICE (continued)**

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**LATE PAYMENT CHARGE**

A late payment charge of one and one-half percent (1.5%) per month shall be added to the past due amount if the bill is not paid by the due date.

**GENERAL**

Service hereunder is subject to the Electric Service Policies of the Company and any applicable adjustment clauses and riders included in this electric tariff schedule.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

3<sup>rd</sup> Substitute Original Sheet No. 203  
Canceling 2<sup>nd</sup> Substitute Original Sheet No. 203

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## **RATE GE – GENERAL ENERGY SERVICE**

---

### **AVAILABLE**

Service under this rate is available to any Residential customer with annual usage greater than 50,000 kWh and any Non-Residential Iowa Customer. This service is not available for resale, standby or supplemental service.

### **APPLICATION**

Applicable for firm use of the Company's electric service furnished to a single Premises through one (1) meter.

### **CHARACTER OF SERVICE**

Alternating current, 60 Hz, single- or three-phase, at secondary voltages offered by the Company, and as further described in the Company's terms and conditions.

### **NET MONTHLY RATE PER METER**

|                               |  |                |   |
|-------------------------------|--|----------------|---|
| <u>Basic Service Charge:</u>  |  | \$10.00        |   |
| <u>Energy Charge:</u>         |  | <u>Per kWh</u> |   |
| Summer                        |  |                |   |
| First 5,000 kWh               |  | \$ 0.09870     | I |
| Over 5,000 kWh                |  | \$ 0.08909     | I |
| Surcharge for kWh over 40,000 |  | \$ 0.01790     | I |
| Winter                        |  |                |   |
| First 5,000 kWh               |  | \$ 0.07056     | R |
| Over 5,000 kWh                |  | \$ 0.04339     | R |
| Surcharge for kWh over 40,000 |  | \$ 0.02834     | I |

Summer: Applicable during the four monthly billing periods of June through September.

Winter: Applicable during the eight monthly billing periods of October through May.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

2<sup>nd</sup> Revised Sheet No. 204  
Canceling 1<sup>st</sup> Revised Sheet No. 204

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## **RATE GE – GENERAL ENERGY SERVICE (continued)**

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### **ADJUSTMENT CLAUSES AND RIDERS**

The above rates are subject to:

1. ETA – Electric Tax Adjustment
2. TCA – Transmission Cost Adjustment
3. EAC – Energy Adjustment Clause
4. EECR – Energy Efficiency Cost Recovery Adjustment
5. E – Equalization Adjustment Clause
6. PI - Phase-In Adjustment Clause
7. MC – Mitigation Cost Recovery Adjustment
8. TERM – Tax Expense Revision Mechanism

N

### **MINIMUM CHARGE**

The minimum charge shall be the total of the Basic Service Charge.

### **LATE PAYMENT CHARGE**

A late payment charge of one and one-half percent (1.5%) per month shall be added to the past due amount if the bill is not paid by the due date.

### **ADJUSTMENT FOR PRIMARY METERING**

The Company may, at its sole option, install the metering equipment on the high-voltage side of the service transformers. In that event, the customer's metered energy shall be decreased by one and two-tenths percent (1.2%) and such decreased quantity shall be the basis of billing the charges hereunder.

### **GENERAL**

Service hereunder is subject to the Electric Service Policies of the Company and any applicable adjustment clauses and riders included in this electric tariff schedule.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

2<sup>nd</sup> Substitute Original Sheet No. 205  
Canceling Substitute Original Sheet No. 205

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## **RATE GD – GENERAL DEMAND SERVICE**

---

### **AVAILABLE**

Service under this rate is available to any Non-Residential Iowa Customer. This service is not available for resale, standby or supplemental service.

### **APPLICATION**

Applicable for firm use of the Company's electric service furnished to a single Premises through one (1) meter.

### **CHARACTER OF SERVICE**

Alternating current, 60 Hz, single- or three-phase, at secondary voltages offered by the Company, and as further described in the Company's terms and conditions.

### **NET MONTHLY RATE PER METER**

|                                |               |               |     |
|--------------------------------|---------------|---------------|-----|
| <u>Basic Service Charge:</u>   | \$ 20.00      |               |     |
| <u>Energy Charge:</u>          | <u>Summer</u> | <u>Winter</u> |     |
| First 200 hours x kW of Demand | \$ 0.07146    | \$ 0.03767    | I/R |
| Next 200 hours x kW of Demand  | \$ 0.06118    | \$ 0.03662    | I/R |
| Over 400 hours x kW of Demand  | \$ 0.05433    | \$ 0.03558    | I/R |
| <u>Demand Charge:</u>          | <u>Summer</u> | <u>Winter</u> |     |
| Per kW                         | \$ 7.07       | \$ 6.77       | I/I |

Summer: Applicable during the four monthly billing periods of June through September.

Winter: Applicable during the eight monthly billing periods of October through May.

Transformer Ownership Credit: \$ 0.30 per kW



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

2<sup>nd</sup> Revised Sheet No. 206  
Canceling 1<sup>st</sup> Revised Sheet No. 206

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## **RATE GD – GENERAL DEMAND SERVICE (continued)**

---

### **ADJUSTMENT CLAUSES AND RIDERS**

The above rates are subject to:

1. ETA – Electric Tax Adjustment
2. TCA – Transmission Cost Adjustment
3. EAC – Energy Adjustment Clause
4. EECR – Energy Efficiency Cost Recovery Adjustment
5. E – Equalization Adjustment Clause
6. PI – Phase-In Adjustment Clause
7. MC – Mitigation Cost Recovery Adjustment
8. TERM – Tax Expense Revision Mechanism

N

### **BILLING DEMAND**

The billing demand for any month as shown by or computed from the readings of the Company's demand meter for the 15-minute period of the customer's greatest use during the month, determined to the nearest kW, but not less than 10 kW.

### **MINIMUM CHARGE**

The minimum charge shall be the total of the Basic Service Charge and billing demand charges for the Billing Demand for that month.

### **LATE PAYMENT CHARGE**

A late payment charge of one and one-half percent (1.5%) per month shall be added to the past due amount if the bill is not paid by the due date.





MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Original Sheet No. 207

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## **RATE GD – GENERAL SERVICE DEMAND (continued)**

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### **TRANSFORMER OWNERSHIP CREDIT**

Should the customer elect to furnish transformers that would normally be furnished by the Company, the customer will receive a credit, listed above, per kW of billing demand.

### **ADJUSTMENT FOR PRIMARY METERING**

The Company may, at its sole option, install the metering equipment on the high-voltage side of the service transformers. In that event, the customer's metered demand and energy shall be decreased by one and two-tenths percent (1.2%) and such decreased quantities shall be the basis of billing the charges hereunder.

### **GENERAL**

Service hereunder is subject to the Electric Service Policies of the Company and applicable Riders included in this electric tariff schedule.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

2<sup>nd</sup> Substitute Original Sheet No. 208  
Canceling Substitute Original Sheet No. 208

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## **RATE LS – LARGE ELECTRIC SERVICE**

---

### **AVAILABLE**

Service under this rate is available to any Non-Residential Iowa Customer. This service is available to standby or supplementary service, under written agreement only, in conjunction with applicable Company riders for such service.

### **APPLICATION**

Applicable for firm use of the Company's electric service furnished to a single Premises through one (1) meter.

### **CHARACTER OF SERVICE**

Alternating current, 60 Hz, single-or three-phase, at secondary voltages offered by the Company, and as further described in the Company's terms and conditions.

### **NET MONTHLY RATE PER METER**

|                                      |                  |               |     |
|--------------------------------------|------------------|---------------|-----|
| <u>Basic Service Charge:</u>         | \$ 175.00        |               |     |
| <u>Energy Charge:</u>                | <u>Summer</u>    | <u>Winter</u> |     |
| First 200 hours x kW of Demand       | \$ 0.07088       | \$ 0.03619    | I/R |
| Next 200 hours x kW of Demand        | \$ 0.06069       | \$ 0.03519    | I/R |
| Over 400 hours x kW of Demand        | \$ 0.05389       | \$ 0.03419    | I/R |
| <u>Demand Charge:</u>                | <u>Summer</u>    | <u>Winter</u> |     |
| Per kW                               | \$ 4.81          | \$ 4.56       | I/I |
| <u>Reactive Demand Charge:</u>       | \$ 0.50 per kVar |               |     |
| <u>Transformer Ownership Credit:</u> | \$ 0.30 per kW   |               |     |

Summer: Applicable during the four monthly billing periods of June through September.

Winter: Applicable during the eight monthly billing periods of October through May.



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**RATE LS – LARGE ELECTRIC SERVICE (continued)**

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**ADJUSTMENT CLAUSES AND RIDERS**

The above rates are subject to:

1. ETA – Electric Tax Adjustment
2. TCA – Transmission Cost Adjustment
3. EAC – Energy Adjustment Clause
4. EECR – Energy Efficiency Cost Recovery Adjustment
5. E – Equalization Adjustment Clause
6. PI – Phase-In Adjustment Clause
7. MC – Mitigation Cost Recovery Adjustment
8. TERM – Tax Expense Revision Mechanism

N

**BILLING DEMAND**

The billing demand for any month as shown by or computed from the readings of the Company's demand meter for the 15-minute period of the customer's greatest use during the month, determined to the nearest kW, but not less than 200 kW.

**REACTIVE DEMAND CHARGE**

A reactive demand charge shall be made for each kVar by which the customer's maximum reactive demand in kVar is greater than 50 percent of the customer's maximum kW demand in the same month.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Original Sheet No. 210

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## **RATE LS – LARGE ELECTRIC SERVICE (continued)**

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### **MINIMUM CHARGE**

The minimum charge shall be the total of the Basic Service Charge and billing demand charges for the Billing Demand for that month.

### **LATE PAYMENT CHARGE**

A late payment charge of one and one-half percent (1.5%) per month shall be added to the past due amount if the bill is not paid by the due date.

### **TRANSFORMER OWNERSHIP CREDIT**

Should the customer elect to furnish transformers that would normally be furnished by the Company, the customer will receive a credit, listed above, per kW of billing demand.

### **ADJUSTMENT FOR PRIMARY METERING**

The Company may, at its sole option, install the metering equipment on the high-voltage side of the service transformers. In that event, the customer's metered demand and energy shall be decreased by one and two-tenths percent (1.2%) and such decreased quantities shall be the basis of billing the charges hereunder.

### **GENERAL**

Service hereunder is subject to the Electric Service Policies of the Company and applicable Riders included in this electric tariff schedule.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet No. 211  
Canceling Original Sheet No. 211

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## **RATE SS – SUBSTATION SERVICE**

---

### **AVAILABLE**

Service under this rate is available to any Non-Residential Iowa customer as follows:

- For demands up to 15,000 kW when served directly from a Company-owned substation that is on or directly adjacent to the customer's Premises and operates at a primary voltage of 69 kV or greater.
- For demands up to 3,000 kW when served directly from a customer-owned substation that is on or directly adjacent to the customer's Premises and operates at a primary voltage of 69 kV or greater.

This service is available to standby or supplementary service, under written agreement only, in conjunction with applicable Company riders for such service.

### **APPLICATION**

Applicable for firm use of the Company's electric service furnished to a single Premises through one (1) meter.

### **CHARACTER OF SERVICE**

Alternating current, 60 Hz, three-phase, at substation voltages. The Company, in its sole discretion, shall determine whether the Customer's Premises should be directly served from a substation.

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

3<sup>rd</sup> Substitute Original Sheet No. 212  
Canceling 2<sup>nd</sup> Substitute Original Sheet No. 212

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## RATE SS – SUBSTATION SERVICE

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### NET MONTHLY RATE PER METER

|                                |                  |               |     |
|--------------------------------|------------------|---------------|-----|
| <u>Basic Service Charge:</u>   | \$ 175.00        |               |     |
| <u>Energy Charge:</u>          | <u>Summer</u>    | <u>Winter</u> |     |
| First 200 hours x kW of Demand | \$ 0.06950       | \$ 0.03552    | I/R |
| Next 200 hours x kW of Demand  | \$ 0.05952       | \$ 0.03453    | I/R |
| Over 400 hours x kW of Demand  | \$ 0.05286       | \$ 0.03356    | I/R |
| <u>Demand Charge:</u>          | <u>Summer</u>    | <u>Winter</u> |     |
| Per kW                         | \$ 3.00          | \$ 2.75       | I/I |
| <u>Reactive Demand Charge:</u> | \$ 0.50 per kVar |               |     |



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

2<sup>nd</sup> Revised Sheet No. 213  
Canceling 1<sup>st</sup> Revised Sheet No. 213

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## **RATE SS – SUBSTATION SERVICE (continued)**

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Summer: Applicable during the four monthly billing periods of June through September.

Winter: Applicable during the eight monthly billing periods of October through May.

### **ADJUSTMENT CLAUSES AND RIDERS**

The above rates are subject to:

1. ETA – Electric Tax Adjustment
2. TCA – Transmission Cost Adjustment
3. EAC – Energy Adjustment Clause
4. EECR – Energy Efficiency Cost Recovery Adjustment
5. E – Equalization Adjustment Clause
6. PI – Phase-In Adjustment Clause
7. MC – Mitigation Cost Recovery Adjustment
8. TERM – Tax Expense Revision Mechanism

N

### **BILLING DEMAND**

The billing demand for any month as shown by or computed from the readings of the Company's demand meter for the 15-minute period of the customer's greatest use during the month, determined to the nearest kW, but not less than 200 kW.

### **REACTIVE DEMAND CHARGE**

A reactive demand charge shall be made for each kVar by which the customer's maximum reactive demand in kVar is greater than 50 percent of the customer's maximum kW demand in the same month.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute Original Sheet No. 214  
Canceling Original Sheet No. 214

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## **RATE SS – SUBSTATION SERVICE (continued)**

---

### **MINIMUM CHARGE**

The minimum charge shall be the total of the Basic Service Charge and billing demand charges for the Billing Demand for that month.

### **LATE PAYMENT CHARGE**

A late payment charge of one and one-half percent (1.5%) per month shall be added to the past due amount if the bill is not paid by the due date.

### **GENERAL**

Service hereunder is subject to the Electric Service Policies of the Company and applicable Riders included in this electric tariff schedule.





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## **RATE ICR – INDIVIDUAL CUSTOMER RATE**

---

### **AVAILABLE**

Service under this rate is available under written agreement for customers that meet the one of the two following conditions:

- Customer has a demand of 15,000 kW or greater.
- Service is supplied by a customer-owned substation that is on or directly adjacent to the customer's Premises, operating at 69 kV or above and customer has a demand of 3,000 kW or greater.

#### **Availability Based on 15,000 kW**

Availability for current, continuing and future customers under this rate shall be based on one of the following:

- Current customer demand of 15,000 kW or greater for each of six (6) consecutive months.
- Current customer with an estimated future demand of 15,000 kW or greater resulting from expansion and/or growth that can substantiate a demand of 15,000 kW or greater to the satisfaction of the Company.
- Applicant for electric service with an estimated demand of 15,000 kW or greater that can substantiate a demand of 15,000 kW or greater to the satisfaction of the Company.
- Customer can substantiate to the satisfaction of the Company, a continuing and sustained demand over 15,000 kW.

#### **Availability Based on Transmission Service**

Availability for current, continuing and future customers under this rate shall be based on each of the following:

- The customer's electric service is provided by a substation owned by the customer.
- The primary voltage of the customer-owned substation is 69 kV or greater.
- The customer's demand is 3,000 kW or greater.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute 2nd Revised Sheet No. 216  
Canceling Substitute 1<sup>st</sup> Revised Sheet No. 216

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## RATE ICR – INDIVIDUAL CUSTOMER RATE (continued)

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### APPLICATION

Applicable for firm use of the Company's electric service furnished to a single Premises. Applicable to standby or supplementary service under written agreement with the Company and in compliance with Company's applicable terms, conditions, and riders for such service.

### CHARACTER OF SERVICE

Alternating current, 60 Hz, single- or three-phase, at secondary, primary, or transmission voltages offered by the Company, and as further described in the Company's terms and conditions.

### NET MONTHLY RATE PER METER

Basic Service Charge\* \$ 2,400.00

Demand Charge\* varies

N

| <u>Energy Charge*</u> | <u>Summer</u> | <u>Winter</u> |
|-----------------------|---------------|---------------|
| On-Peak               | \$0.15820     | \$ 0.03396    |
| All Other             | 0.05081       | 0.03396       |
| Off-Peak              | 0.03028       | 0.03066       |

\*The above basic service charge and energy charges and customer-specific cost-based demand charges are the default option for this rate and will apply unless other cost-based charges have been negotiated with the Customer. Optional cost-based charges may be offered to a Customer unless the Company determines that the offering of such optional charges has resulted in a significant decrease in revenues per kWh received from the Customer.

N  
N  
N  
N  
N  
N

D

Reactive Demand Charge: \$ 0.50 per kVar



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

2<sup>nd</sup> Revised Sheet No. 217  
Canceling 1<sup>st</sup> Revised Sheet No. 217

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### **RATE ICR – INDIVIDUAL CUSTOMER RATE (continued)**

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Summer: Applicable during the four monthly billing periods of June through September.

Winter: Applicable during the eight monthly billing periods of October through May.

On-Peak Hours: Hours between 1:00 p.m. and 6:00 p.m. Monday through Friday.

Off-Peak Hours: Hours between 10:00 p.m. and 8:00 a.m. every day.

All Other Hours: All hours not included in the definition of On-Peak or Off-Peak Hours.

On-Peak hours exclude the United States legal holidays of New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

### **ADJUSTMENT CLAUSES AND RIDERS**

The above rates are subject to the following adjustments:

1. ETA – Electric Tax Adjustment
2. TCA – Transmission Cost Adjustment
3. EAC – Energy Adjustment Clause
4. EECR – Energy Efficiency Cost Recovery Adjustment
5. E – Equalization Adjustment Clause
6. PI – Phase-In Adjustment Clause
7. TERM – Tax Expense Revision Mechanism

N



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute Original Sheet No. 218  
Canceling Original Sheet No. 218

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## **RATE ICR – INDIVIDUAL CUSTOMER RATE (continued)**

---

### **REACTIVE DEMAND CHARGE**

A reactive demand charge shall be made for each kVar by which the customer's maximum reactive demand in kVar is greater than 50 percent of the customer's maximum kW demand in the same month.

### **LATE PAYMENT CHARGE**

A late payment charge of one and one-half percent (1.5%) per month shall be added to the past due amount if the bill is not paid by the due date.

### **CONTRACT**

The obligations hereunder of the customer and the Company shall commence on the date electric service is first rendered to the customer and shall continue as long as the customer meets the conditions listed under "Available" of this tariff rate. Terms of the agreement shall include:

- Service point
- Delivery characteristics
- Delivery voltage
- Facilities provided by Company
- Facilities provided by the customer
- Net Monthly Rates for electric service
- Minimum bill



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## **RATE ICR – INDIVIDUAL CUSTOMER RATE (continued)**

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### **LOAD GROWTH REQUIRING FACILITY CHANGES**

In the event a customer with a contract under Rate ICR requires power beyond the current capabilities of the Company's facilities available to serve the customer's load, the customer shall notify the Company no less than 12 months in advance of the needed additional load. The Company shall determine the requirements to serve such additional load and establish revised cost-based rates reflecting changes in cost to serve the new total load.

### **TERM AND TERMINATION**

In the event a Rate ICR customer's load drops below 15,000 kW for 12 consecutive months and the customer is not served at transmission voltage, such customer shall be ineligible for Rate ICR, and the Company shall terminate the customer's Rate ICR contract effective the following billing period. The customer shall be required to elect an alternate rate for which the customer is qualified to take electric service from the Company. Should the customer fail to elect an alternate rate, the Company shall select and bill the customer on an electric rate for which the customer qualifies effective with the following billing period.

### **CONFIDENTIALITY**

All terms and conditions of any service agreement under this rate schedule and any supporting information shall be protected from disclosure as confidential.

### **IUB REVIEW AND APPROVAL**

The rates, riders, terms and conditions applicable to Rate ICR are subject to modification by the IUB or any other agency that has jurisdiction and such modifications shall apply to service hereunder.

### **GENERAL**

Service hereunder is subject to the Electric Service Policies of the Company and applicable Riders included in this electric tariff schedule.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

2<sup>nd</sup> Substitute Original Sheet No. 220  
Canceling Substitute Original Sheet No. 220

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## **RATE MWP– MUNICIPAL WATER PUMPING SERVICE**

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### **AVAILABLE**

Service under this rate is available in Iowa. This service is not available for resale, standby, supplemental or temporary service.

### **APPLICATION**

To all electric service required for municipal water and sewage pumping and treatment plants, by municipal, county, state and federal governments or agencies, subject to applicable terms and conditions of the Company's Electric Service Policies.

### **CHARACTER OF SERVICE**

Alternating current; 60 Hz, single or three phase, at nominal voltages offered by the Company, as further described in Company's Electric Service Policies.

### **NET MONTHLY RATE PER METER**

Basic Service Charge: \$ 10.00

|                       |               |               |
|-----------------------|---------------|---------------|
| <u>Energy Charge:</u> | <u>Summer</u> | <u>Winter</u> |
| All kWh               | \$ 0.08370    | \$ 0.05134    |

I/R

Summer: Applicable during the four monthly billing periods of June through September.

Winter: Applicable during the eight monthly billing periods of October through May.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

2<sup>nd</sup> Revised Sheet No. 221  
Canceling 1<sup>st</sup> Revised Sheet No. 221

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## **RATE MWP– MUNICIPAL WATER PUMPING SERVICE (continued)**

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### **ADJUSTMENT CLAUSES AND RIDERS**

The above rates are subject to:

1. ETA – Electric Tax Adjustment
2. TCA – Transmission Cost Adjustment
3. EAC – Energy Adjustment Clause
4. EECR – Energy Efficiency Cost Recovery Adjustment
5. E – Equalization Adjustment Clause
6. PI – Phase-In Adjustment Clause
7. MC – Mitigation Cost Recovery Adjustment
8. TERM – Tax Expense Revision Mechanism

N

### **MINIMUM CHARGE**

The minimum charge shall be the total of the Basic Service Charge.

### **LATE PAYMENT CHARGE**

A late payment charge of one and one-half percent (1.5%) per month shall be added to the past due amount if the bill is not paid by the due date.



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Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Original Sheet No. 222

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## **RATE MWP– MUNICIPAL WATER PUMPING SERVICE (continued)**

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### **ADJUSTMENT FOR PRIMARY METERING**

The Company may, at its sole option, install the metering equipment on the high-voltage side of the service transformers. In that event, the customer's metered energy shall be decreased by one and two-tenths percent (1.2%) and such decreased quantity shall be the basis of billing the charges hereunder.

### **GENERAL**

Service hereunder is subject to the Electric Service Policies of the Company and any applicable adjustment clauses and riders included in this electric tariff schedule.





MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet No. 223  
Canceling 2<sup>nd</sup> Substitute Original Sheet No. 223

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## **RATE TC – TRAFFIC CONTROL SERVICE**

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### **AVAILABLE**

Service under this rate is available in Iowa. This service is not available for resale, standby, supplemental or temporary service.

### **APPLICATION**

To all electric service required for traffic control signals and flashers by municipal, county, state and federal governments or agencies, subject to applicable terms and conditions of the Company's Electric Service Policies. T

### **CHARACTER OF SERVICE**

Alternating current; 60Hz, single phase, 120v, or 120/240v, or 120/208v, as further described in Company's Electric Service Policies.

### **NET MONTHLY RATE PER METER**

|                              |                |
|------------------------------|----------------|
| <u>Basic Service Charge:</u> | \$ 10.00       |
| <u>Energy Charge:</u>        | <u>Per kWh</u> |
| All kWh                      | \$ 0.05977     |



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

2<sup>nd</sup> Revised Sheet No. 224  
Canceling 1<sup>st</sup> Revised Sheet No. 224

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## **RATE TC – TRAFFIC CONTROL SERVICE (continued)**

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### **ADJUSTMENT CLAUSES AND RIDERS**

The above rates are subject to:

1. ETA – Electric Tax Adjustment
2. TCA – Transmission Cost Adjustment
3. EAC – Energy Adjustment Clause
4. EECR – Energy Efficiency Cost Recovery Adjustment
5. E – Equalization Adjustment Clause
6. PI – Phase-In Adjustment Clause
7. TERM – Tax Expense Revision Mechanism

N

### **MINIMUM CHARGE**

The minimum charge shall be the total of the Basic Service Charge.

### **LATE PAYMENT CHARGE**

A late payment charge of one and one-half percent (1.5%) per month shall be added to the past due amount if the bill is not paid by the due date.

### **ADJUSTMENT FOR PRIMARY METERING**

The Company may, at its sole option, install the metering equipment on the high-voltage side of the service transformers. In that event, the customer's metered energy shall be decreased by one and two-tenths percent (1.2%) and such decreased quantity shall be the basis of billing the charges hereunder.



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Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Original Sheet No. 225

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**RATE TC – TRAFFIC CONTROL SERVICE (continued)**

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**GENERAL**

Service hereunder is subject to the Electric Service Policies of the Company and any applicable adjustment clauses and riders included in this electric tariff schedule.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute 1<sup>st</sup> Revised Sheet No. 226  
Canceling Original Sheet No. 226

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## **RATE SL – STREET LIGHTING**

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### **AVAILABLE**

Availability is on a permanent and continuing basis to municipalities or other divisions or agencies of state or federal government for the purpose of lighting public streets, highways, and other outdoor areas freely accessible to the public and by Company service vehicles. A proper written request from the municipality or government body is required prior to initial installation or changes. This service is not available to homeowner associations.

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Light-emitting diode (LED) is the Company standard for all new or replacement Company-owned street lighting. If there is an LED available with comparable light performance, the LED will be installed.

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Beginning June 1, 2015, subject to customer approval and at no cost to the customer, the Company will begin to replace Company-owned non-LED street lights requiring significant maintenance with a comparable LED fixture. If the customer requests replacement before significant maintenance is required, the Company will charge the customer \$100 per fixture for accelerated replacement.

N  
N  
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N  
N

### **TIME SCHEDULES FOR STREET LIGHTS**

Company-owned and customer-owned street lights are considered to be dusk-to-dawn operation and by a photo-electric device actuated by intensity of natural light. The total estimated time of operation is 4,200 hours annually.

Metered lighting systems will be billed at the applicable general service price.

### **COMPANY-OWNED LIGHTING**

Company-owned lights and lighting systems to be supplied hereunder shall be at locations of existing installations and at new locations where requested by the municipality or government body. Such additional installations will be made by the Company upon receipt of written order from the municipality or government body, provided, however, any line extension required shall not exceed one span of overhead secondary. Longer secondary line extensions and additional facilities required to provide service will be subject to the terms of "Expansion of Electrical System" of this tariff.



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## **RATE SL – STREET LIGHTING (continued)**

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### **COMPANY-OWNED LIGHTING (continued)**

Service includes installation of standard Company-owned lighting, specified below, operating and maintenance of the lighting system, in addition to the supply of required electricity. All maintenance of lighting equipment will be done only during normal working hours within a reasonable period following notification by the customer of the need for such maintenance. Permits or extra maintenance personnel or equipment required for maintenance shall be billed at direct cost plus applicable overheads.

The type and kind of system will be in accordance with Company standards and specifications.

### **COMPANY-OWNED LIGHTING INSTALLED ON BRIDGES**

The customer will be responsible for installing, owning and maintaining the foundation, anchor bolts, and conduit for such lighting. The design and construction must meet the applicable state and local codes. The location and size of the customer-owned bridge lighting facilities shall be approved by the Company prior to such construction. The customer will be assigned the applicable Company-owned non-wood overhead pole street lighting rate (Tables SL B2 and SL B3). All general terms and conditions of Street Lighting shall be applicable to this service.

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The lighting rate assigned to the customer will cover standard street light maintenance. All incremental maintenance costs associated with bridge lighting will be directly billed to and paid for by the customer. Incremental maintenance costs are intended to include maintenance costs that are not part of normal routine maintenance under services provided under applicable street light tariffs. Incremental maintenance costs shall include, but not be limited to, costs for additional safety measures, overtime pay if maintenance is required to be performed outside of normal business hours, cost of contract crews if needed to utilize special equipment to provide maintenance services, and costs of local and state assistance such as from law enforcement or transportation officials. In addition, the costs related to additional insurance coverage specifically related to such work will be billed to the customer.

## RATE SL – STREET LIGHTING (continued)

### COMPANY-OWNED LIGHTING NET MONTHLY RATES

- A. Applicable monthly charges identified in the following tables are for lamp and fixtures on an existing standard wood distribution pole mounted on a mast-arm, with overhead wiring and one span of secondary voltage conductor served from available transformation and operated on a dusk-to-dawn schedule. These charges also apply to other Company-owned installations where a contribution in aid of construction has been paid in advance, resulting in a comparable cost installation. These charges are subject to adjustment clauses and riders specified herein.

T

1. High Pressure Sodium (HPS) or Mercury Vapor (MV) Lighting

| <u>Lamp Size</u> | <u>kWh</u> | <u>Monthly Rate per Fixture</u> |
|------------------|------------|---------------------------------|
| 70 W             | 33         | See Table SL A1                 |
| 100 W            | 47         | See Table SL A2                 |
| 150 W            | 68         | See Table SL A3                 |
| 175 W            | 75         | See Table SL A4                 |
| 250 W            | 108        | See Table SL A5                 |
| 400 W            | 165        | See Tables SL A6 and SL A7      |

High pressure sodium and mercury vapor are not available for new installations and shall be replaced with light emitting diode (LED) at no cost to the customer when significant maintenance is required.

 N/T  
 N  
 N

2. Light Emitting Diode (LED) Lighting

Comparable

| <u>HPS</u> | <u>kWh</u> | <u>Monthly Rate per Fixture</u> | <u>E</u>         | <u>N</u> | <u>S</u> |
|------------|------------|---------------------------------|------------------|----------|----------|
| 100 W      | 16         | 7.28                            | ELK              | LW2      | LWB      |
| 150 W      | 32         | 8.81                            | ELL              | LW3      | LWC      |
| 250 W      | 42         | 10.02                           | ELM              | LW6      | LWF      |
|            |            |                                 | <u>All areas</u> |          |          |
| 400 W      | 75         | 11.56                           | ELN              |          |          |

LED lighting is available for new installations or existing systems that have been evaluated for the differences in lighting levels, mounting heights, and patterns associated with LED lighting. The customer shall be responsible for the evaluation and any appropriate lighting system design changes and its compliance with any and all applicable lighting specifications and standards.



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**RATE SL – STREET LIGHTING (continued)**

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**COMPANY-OWNED LIGHTING NET MONTHLY RATES (continued)**

N

If the customer requires the Company to install lighting that requires installation of transformation and/or an overhead secondary extension greater than one span, the customer will be required to pay the Company a contribution in aid of construction, grossed up for income taxes, to cover the cost of such facilities.

N

T

**B. Pole Charges**

For each standard wood pole required in addition to existing wood distribution poles used for street lighting, the customer will be required to pay the Company a contribution in aid of construction at the time of installation or replacement for the full cost of the wood pole; such contribution shall be grossed up for income taxes. These payments shall not be subject to refund.

N

N

N

N

N

When the customer requests a non-wood pole, the applicable monthly charges identified on the following table shall apply. These charges are subject to adjustment clauses and riders specified herein.

| <u>Pole Type</u> | <u>Monthly Rate per Non-Wood Pole or Fixture</u> |
|------------------|--|
| Non-Wood Pole    | See Tables SL B1, SL B2 and SL B3                |

T

T

In lieu of a monthly non-wood pole charge, the customer shall have the option of paying the Company a contribution in aid of construction at the time of installation or replacement for the full cost of the non-wood pole. If the customer exercises this option, the customer will be required to pay the Company a contribution in aid of construction for the incremental cost of the underground circuit over the equivalent cost of an overhead secondary span. Such contributions shall be grossed up for income taxes and shall not be subject to refund. If the customer pays an upfront contribution to the Company for a non-wood pole and an underground circuit, the monthly charge for the fixture on the non-wood pole served underground will be the base rate from Section A.

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T/N

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N

N

Lighting systems existing prior to July 31, 2014 which fulfilled previous tariff requirements regarding upfront contributions will be charged the base rate from Section A.

N

N

N



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Filed with the Iowa Utilities Board

Original Sheet No. 229.10

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**RATE SL – STREET LIGHTING (continued)**

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N

**COMPANY-OWNED LIGHTING NET MONTHLY RATES (continued)**

N

**B. Pole Charges (continued)**

N

If the customer requires the Company to install luminaires at a mounting height greater than can be achieved on existing wood poles, the customer will be required to pay the Company a contribution in aid of construction to cover the cost of changing the pole to taller heights and/or rearranging the facilities; any additional maintenance costs incurred as a result of higher mounting heights shall be billed at direct cost plus applicable overheads.

L  
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**RATE SL – STREET LIGHTING (continued)**

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**COMPANY-OWNED LIGHTING NET MONTHLY RATES (continued)**

C. Circuit Charges

Installation of underground service to wood poles is only available in municipalities or other divisions or agencies of state or federal governments that permit such installations and must meet any applicable state and local codes.

When the customer requires underground service to non-wood poles for street lighting, the applicable monthly charges identified on the following tables shall apply. These charges are subject to adjustment clauses and riders specified herein.

Monthly Rate per Underground Circuit or Fixture

|                     |   |
|---------------------|---|
| Underground Circuit | See Tables SL C1, SL C2, SL C3, and SL C4 |
|---------------------|---|

In lieu of a monthly underground circuit charge, the customer shall have the option of paying the Company a contribution in aid of construction at the time of installation or replacement for the incremental cost of the underground circuit over the equivalent cost of an overhead secondary span. If the customer exercises this option, the customer will be required to pay the Company a contribution in aid of construction for the full cost of the non-wood pole associated with that underground circuit. Such contributions shall be grossed up for income taxes and shall not be subject to refund. If the customer pays an upfront contribution to the Company for an underground circuit and a non-wood pole, the monthly charge for the fixture served underground on the non-wood pole will be the base rate from Section A.

Lighting systems existing prior to July 31, 2014 which fulfilled previous tariff requirements regarding upfront contributions will be charged the base rate from Section A.

When existing 120-volt overhead service is not available for use with the desired lights, a charge will apply to install transformation and circuit. Any special requirements including but not limited to conduit shall be paid by the customer at the time of installation, billed as a contribution in aid of construction. The contributions shall be based upon actual installation costs and shall be grossed up for income taxes. These payments shall not be subject to refund.

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Filed with the Iowa Utilities Board

2<sup>nd</sup> Revised Sheet No. 230.10  
Canceling 1<sup>st</sup> Revised Sheet No. 230.10

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**RATE SL – STREET LIGHTING (continued)**

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**COMPANY-OWNED LIGHTING NET MONTHLY RATES (continued)**

D. Decorative Lighting and Twin Lighting

1. For decorative lamp and fixtures mounted on a non-wood pole served by underground conductor, the applicable monthly charges identified on the following tables shall apply. These charges are subject to adjustment clauses and riders specified herein.

- a. High Pressure Sodium (HPS) Decorative Lighting – Not available for new installations on or after May 28, 2021

| <u>HPS Lamp Size</u> | <u>kWh</u> | <u>Monthly Rate per Fixture</u> |
|----------------------|------------|---------------------------------|
| 100 W                | 47         | See Table SL D1                 |
| 150 W                | 68         | See Table SL D1                 |
| 250 W                | 108        | See Table SL D1                 |

- b. Light Emitting Diode (LED) Decorative Lighting – 100 W Comparable HPS – Monthly rate per fixture

|                      | <u>Colonial<br/>18 kWh<br/>COL</u> | <u>Victorian<br/>18 kWh<br/>VIC</u> | <u>Washington<br/>16 kWh<br/>WAS</u> |
|----------------------|------------------------------------|-------------------------------------|--------------------------------------|
| To December 31, 2021 | \$ 29.23                           | \$ 29.23                            | \$ 38.57                             |
| To December 31, 2022 | \$ 29.95                           | \$ 29.95                            | \$ 39.29                             |
| To December 31, 2023 | \$ 30.67                           | \$ 30.67                            | \$ 40.01                             |

In lieu of a monthly decorative lighting charge, the customer shall have the option of paying the Company a contribution in aid of construction at the time of installation or replacement based on the incremental cost above the comparable lamp and fixture in Section A; such contribution shall be grossed up for income taxes. These payments shall not be subject to refund. If the customer pays an upfront contribution to the Company for decorative lighting, the monthly charge will be the base rate from Section A.



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3<sup>rd</sup> Revised Sheet No. 231  
Canceling 2<sup>nd</sup> Revised Sheet No. 231

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## RATE SL – STREET LIGHTING (continued)

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### COMPANY-OWNED LIGHTING NET MONTHLY RATES (continued)

2. For two (2) lamps and fixtures mounted on a single non-wood pole served by underground conductor, the applicable monthly charges identified on the following tables shall apply. These charges are subject to adjustment clauses and riders specified herein.

- a. High Pressure Sodium (HPS) Twin Lighting – Not available for new installations on or after May 28, 2021

| <u>HPS Lamp Size</u> | <u>kWh</u> | <u>Monthly Rate per Fixture</u> |
|----------------------|------------|---------------------------------|
| 100 W                | 47         | See Table SL D2                 |
| 150 W                | 68         | See Table SL D2                 |
| 250 W                | 108        | See Table SL D2                 |
| 400 W                | 165        | See Table SL D2                 |

- b. Light Emitting Diode (LED) Twin Lighting

| <u>Comparable<br/>HPS</u> | <u>kWh</u> | <u>Monthly Rate per Fixture</u> |
|---------------------------|------------|---------------------------------|
| 100 W                     | 16         | See Table SL D3                 |
| 150 W                     | 32         | See Table SL D3                 |
| 250 W                     | 42         | See Table SL D3                 |
| 400 W                     | 75         | See Table SL D3                 |

In lieu of a monthly twin lighting charge, the customer shall have the option of paying the Company a contribution in aid of construction at the time of installation or replacement based on the incremental cost above the comparable lamp and fixture in Section A; such contribution shall be grossed up for income taxes. These payments shall not be subject to refund. If the customer pays an upfront contribution to the Company for twin lighting, the monthly charge will be two (2) times the base rate from Section A.



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**RATE SL – STREET LIGHTING (continued)**

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**CUSTOMER-OWNED LIGHTING SYSTEMS**

The following is required for customer-owned systems:

- A proper written request from the municipality or government body is required prior to initial installation or changes to existing installations and all lights installed after May 28, 2021 must fall within one of the Company's existing energy only rates in this tariff.
- Customer-owned lights installed after May 28, 2021 will be installed, owned and maintained by the customer, including poles, luminaries, and photo controls, together with all necessary cable extending between the customer-owned facilities and to points of connection to Company's facilities as designated and approved by the Company.
- The electrical connection at the point of delivery shall be made by the Company.
- Customer-owned systems must meet all appropriate electrical codes.
- Customer-owned group-operated street lights shall have mounting heights of 35 feet or less. For customer-owned lights installed after May 28, 2021, the Company shall furnish only electric energy. For customer-owned lights installed on or before May 28, 2021, the Company may furnish electric only, or electric energy and lamp replacements until such time replacement materials are no longer available.
- All maintenance of lighting equipment will be done only during normal working hours within a reasonable period following notification by the customer of the need for such maintenance.
- Permits or extra maintenance personnel or equipment required for connections or maintenance shall be billed at direct cost plus applicable overheads.
- Maintenance on existing customer-owned lights installed on or before May 28, 2021 will continue with materials limited to high pressure sodium lamps and individual light photo controls only until such time the replacement materials are no longer available. Extra maintenance materials or equipment required for maintenance shall be billed at direct cost plus applicable overheads. Existing customers on rates that include maintenance for customer-owned lights will be given the option to transition to energy only rates for LED lights as the HPS bulbs become unavailable.

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**RATE SL – STREET LIGHTING (continued)**


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**CUSTOMER-OWNED LIGHTING NET MONTHLY RATES**

Applicable monthly charges identified on the following tables are for Customer-owned lighting systems. These charges are subject to adjustment clauses and riders specified herein.

**E. Energy Only**

| <u>HPS/MV/MH Lamp Size</u> | <u>kWh</u> | <u>Monthly Rate per Fixture</u> |     |
|----------------------------|------------|---------------------------------|-----|
| 70 W                       | 33         | See Table SL E1                 |     |
| 100 W                      | 47         | See Table SL E2                 |     |
| 150 W                      | 68         | See Table SL E3                 |     |
| 175 W                      | 75         | See Table SL E4                 |     |
| 200 W                      | 102        | See Table SL E5                 |     |
| 250 W                      | 108        | See Tables SL E5 and E6         |     |
| 400 W                      | 165        | See Table SL E7                 |     |
| 1,000 W                    | 385        | See Table SL E8                 |     |
|                            |            |                                 |     |
| <u>LED Fixture Size</u>    | <u>kWh</u> | <u>Monthly Rate per Fixture</u> |     |
| 10-39.9 W                  | 8.6        | 0.44                            | LCA |
| 40-69.9 W                  | 19.1       | 0.99                            | LCB |
| 70-99.9 W                  | 29.6       | 1.53                            | LCC |
| 100-129.9 W                | 40.1       | 2.07                            | LCD |
| 130-159.9 W                | 50.6       | 2.61                            | LCE |
| 160-189.9 W                | 61.1       | 3.16                            | LCF |
| 190-219.9 W                | 71.6       | 3.70                            | LCG |
| 220-249.9 W                | 82.1       | 4.24                            | LCH |

**F. Energy and Maintenance – Not available for new installations on or after May 28, 2021**

| <u>HPS/MV/MH Lamp Size</u> | <u>kWh</u> | <u>Monthly Rate per Fixture</u> |  |
|----------------------------|------------|---------------------------------|--|
| 70 W                       | 33         | See Table SL F1                 |  |
| 100 W                      | 47         | See Table SL F1                 |  |
| 150 W                      | 68         | See Table SL F2                 |  |
| 175 W                      | 75         | See Table SL F3                 |  |
| 250 W                      | 108        | See Table SL F4                 |  |
| 400 W                      | 165        | See Table SL F5                 |  |
| 1,000 W                    | 385        | See Table SL F6                 |  |

N  
N



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1<sup>st</sup> Revised Sheet No. 233.10  
Canceling Original Sheet No. 233.10

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**RATE SL – STREET LIGHTING (continued)**

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**CUSTOMER-OWNED LIGHTING NET MONTHLY RATES (continued)**

G. Maintenance Only\*

| <u>HPS Lamp Size</u> | <u>kWh</u> | <u>Monthly Rate per Fixture</u> |
|----------------------|------------|---------------------------------|
| 70 W                 | 33         | See Table SL G1                 |
| 100 W                | 47         | See Table SL G1                 |
| 150 W                | 68         | See Table SL G1                 |

**\*This service is not available to new lighting installations after July 31, 2014.**

T



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Filed with the Iowa Utilities Board

2<sup>nd</sup> Revised Sheet No. 234  
Canceling 1<sup>st</sup> Revised Sheet No. 234

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## **RATE SL – STREET LIGHTING (continued)**

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### **ADJUSTMENT CLAUSES AND RIDERS**

The above net monthly rates for Company-owned and customer-owned lighting are subject to:

1. ETA – Electric Tax Adjustment
2. TCA – Transmission Cost Adjustment
3. EAC – Energy Adjustment Clause
4. EECR – Energy Efficiency Cost Recovery Adjustment
5. MC – Mitigation Cost Recovery Adjustment
6. TERM – Tax Expense Revision Mechanism

N

### **MONTHLY BILLING**

Metered lighting will follow normal reading cycles and billing periods. Unmetered lighting will follow the same cycles and billing periods with this exception: unmetered lighting will be billed for monthly payments adjusted by the burn-hours factor regardless of the number of days in the billing period.

Bills for service shall be rendered monthly. Bills are due and payable within twenty days from the date the bill is rendered to the customer. When not paid in full by the due date, a late payment charge of 1.5 percent of the unpaid balance is added to the next bill.



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Filed with the Iowa Utilities Board

Substitute 2<sup>nd</sup> Revised Sheet No. 235  
Canceling 1<sup>st</sup> Revised Sheet No. 235

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## RATE SL – STREET LIGHTING (continued)

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### RELOCATIONS AND CONVERSIONS

#### Relocations Not Associated with Road Work.

As permitted by law, the customer shall pay for the cost of relocation of any part of a lighting system as a contribution in aid of construction when requested by the customer. The contribution in aid of construction shall be the work order cost of removing the existing lighting system, labor cost to install the new lighting system, less any salvage credit. The contribution in aid of construction shall be grossed up for income taxes.

#### Relocations Associated with Road Work.

Overhead to Underground Conversion. When requested by the customer and in accordance with legal and regulatory requirements, the customer shall pay for the cost of conversion as a contribution in aid of construction for facilities that are converted from overhead to underground. The contribution in aid of construction shall be the incremental cost associated with work order cost of overhead facilities and underground facilities and shall be grossed up for income taxes and the monthly charge will be the base rate explained in Section A of the Street Lighting Tariff and shown in Section A of the Street Lighting Tables.

If the customer chooses to pay the non-wood pole served underground rate or the decorative or twin rate as explained in Sections C and D of the Street Lighting Tariff and shown in Sections C and D of the Street Lighting Tables, no contribution in aid of construction for the conversion cost is required from the customer.

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N

Overhead to Overhead or Underground to Underground. In accordance with legal and regulatory requirements, the customer shall not be billed for relocation of facilities that do not require conversion.





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## **RATE SL – STREET LIGHTING (continued)**

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### **GENERAL**

Vandalism. The Company reserves the right to remove any fixture or fixtures in any location that has continuous vandalism.

Access. Where Company owned facilities are located on customer's property, the customer will provide reasonably safe and convenient access to its facilities for Company personnel and equipment for the purpose of maintenance and inspection. Property owners may be required to grant the necessary easements for the lighting system(s) prior to the installation of the system(s). The Company shall be permitted to enter the customer's premises at all reasonable times for the purpose of inspection, maintenance, and removal of its equipment and facilities.

Lighting Requirements. The customer shall be responsible for ensuring the street lighting systems meet any applicable lighting standards and requirements, such as standards promulgated by Illuminating Engineering Society (IES) and/or Iowa Department of Transportation (IDOT); the Company will locate street lights where indicated by written request of the customer.

Indemnification. The customer shall indemnify and hold harmless the Company from and against any and all liability for injuries or damages to persons or property arising from or resulting from any lighting, requested by the customer or third party, which does not conform to the IES or IDOT recommended practices or requirements.

Service hereunder is subject to the Rules and Regulations of the Company and applicable Riders included in this electric tariff schedule.



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2<sup>nd</sup> Revised Sheet No. 237  
Canceling 1<sup>st</sup> Revised Sheet No. 237

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## RATE SL – STREET LIGHTING (continued)

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### **STREET LIGHTING TABLES – COMPANY-OWNED**

- A. Applicable monthly charges shown are by former price zone and price code and are subject to adjustment clauses and riders herein. High pressure sodium applications shown below in tables SL A1 – SL A3, SL A5 and SL A7 are limited to those applications installed before May 28, 2021.

N  
N  
N

**Table SL A1**  
**70W Company-Owned Lighting**  
**Monthly Rate per Fixture**

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|                      | <u>70W HPS*</u>         |
|----------------------|-------------------------|
|                      | South-WSA, WSJ, and HWA |
| To December 31, 2014 | 8.23                    |
| To December 31, 2015 | 8.42                    |
| To December 31, 2016 | 8.61                    |
| To December 31, 2017 | 8.50                    |
| To December 31, 2018 | 8.40                    |
| To December 31, 2019 | 8.29                    |
| To December 31, 2020 | 8.18                    |
| To December 31, 2021 | 8.07                    |
| To December 31, 2022 | 7.97                    |
| To December 31, 2023 | 7.86                    |

\*Not available in former East and North price zones.

**Table SL A2**  
**100W Company-Owned Lighting**  
**Monthly Rate per Fixture**

---

|                      | <u>100W HPS</u> | <u>100W HPS</u> | <u>100W HPS</u>   |
|----------------------|-----------------|-----------------|-------------------|
|                      | East-EMK        | North-HW2       | South-WSB and HWB |
| To December 31, 2014 | 10.70           | 6.32            | 9.07              |
| To December 31, 2015 | 10.80           | 6.76            | 9.29              |
| To December 31, 2016 | 10.89           | 7.20            | 9.51              |
| To December 31, 2017 | 10.59           | 7.43            | 9.41              |
| To December 31, 2018 | 10.28           | 7.65            | 9.30              |
| To December 31, 2019 | 9.98            | 7.88            | 9.20              |
| To December 31, 2020 | 9.68            | 8.10            | 9.09              |
| To December 31, 2021 | 9.38            | 8.32            | 8.99              |
| To December 31, 2022 | 9.08            | 8.55            | 8.88              |
| To December 31, 2023 | 8.77            | 8.77            | 8.77              |

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1<sup>st</sup> Revised Sheet No. 238  
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## RATE SL – STREET LIGHTING (continued)

### STREET LIGHTING TABLES – COMPANY-OWNED (continued)

**Table SL A3**  
**150W Company-Owned Lighting**  
**Monthly Rate per Fixture**

|                      | <u>150W HPS</u><br>East-EML | <u>150W HPS</u><br>North-HF3 | <u>150W HPS</u><br>South-WSC | <u>150W HPS</u><br>South-HWC | T |
|----------------------|-----------------------------|------------------------------|------------------------------|------------------------------|---|
| To December 31, 2014 | 11.56                       | 10.64                        | 10.64                        | 10.64                        | T |
| To December 31, 2015 | 11.73                       | 10.89                        | 10.90                        | 10.89                        |   |
| To December 31, 2016 | 11.91                       | 11.14                        | 11.15                        | 11.14                        |   |
| To December 31, 2017 | 11.67                       | 11.01                        | 11.02                        | 11.01                        |   |
| To December 31, 2018 | 11.43                       | 10.88                        | 10.88                        | 10.88                        |   |
| To December 31, 2019 | 11.19                       | 10.75                        | 10.75                        | 10.75                        |   |
| To December 31, 2020 | 10.95                       | 10.62                        | 10.62                        | 10.62                        |   |
| To December 31, 2021 | 10.71                       | 10.49                        | 10.49                        | 10.49                        |   |
| To December 31, 2022 | 10.47                       | 10.36                        | 10.36                        | 10.36                        |   |
| To December 31, 2023 | 10.22                       | 10.22                        | 10.22                        | 10.22                        |   |

**Table SL A4**  
**175W Company-Owned Lighting**  
**Monthly Rate per Fixture**

|                      | <u>175W MV**</u><br>East-EMB | <u>175W MV**</u><br>South-MWD | T |
|----------------------|------------------------------|-------------------------------|---|
| To December 31, 2014 | 11.06                        | 7.86                          | T |
| To December 31, 2015 | 11.33                        | 8.38                          | T |
| To December 31, 2016 | 11.60                        | 8.90                          | T |
| To December 31, 2017 | 11.46                        | 9.15                          |   |
| To December 31, 2018 | 11.33                        | 9.41                          |   |
| To December 31, 2019 | 11.20                        | 9.66                          |   |
| To December 31, 2020 | 11.07                        | 9.92                          |   |
| To December 31, 2021 | 10.94                        | 10.17                         |   |
| To December 31, 2022 | 10.81                        | 10.42                         |   |
| To December 31, 2023 | 10.68                        | 10.68                         |   |

**\*\*Mercury vapor is not available for new installations and shall be replaced at no cost to the customer.**



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1<sup>st</sup> Revised Sheet No. 239  
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## RATE SL – STREET LIGHTING (continued)

### STREET LIGHTING TABLES – COMPANY-OWNED (continued)

**Table SL A5**  
**250W Company-Owned Lighting**  
**Monthly Rate per Fixture**

|                      | <u>250W HPS</u> | <u>250W MV**</u> | <u>250W HPS</u> | <u>250W HPS</u>      |
|----------------------|-----------------|------------------|-----------------|----------------------|
|                      | East-EMM        | East-EMC         | North-HW6       | South-WSD<br>and HWF |
| To December 31, 2014 | 13.11           | 12.15            | 12.66           | 15.54                |
| To December 31, 2015 | 13.43           | 12.54            | 13.01           | 15.66                |
| To December 31, 2016 | 13.74           | 12.93            | 13.36           | 15.78                |
| To December 31, 2017 | 13.59           | 12.89            | 13.26           | 15.34                |
| To December 31, 2018 | 13.43           | 12.85            | 13.16           | 14.89                |
| To December 31, 2019 | 13.28           | 12.81            | 13.06           | 14.44                |
| To December 31, 2020 | 13.12           | 12.77            | 12.96           | 13.99                |
| To December 31, 2021 | 12.96           | 12.73            | 12.86           | 13.55                |
| To December 31, 2022 | 12.81           | 12.69            | 12.76           | 13.10                |
| To December 31, 2023 | 12.65           | 12.65            | 12.65           | 12.65                |

**Table SL A6**  
**400W Company-Owned Lighting**  
**Monthly Rate per Fixture**

|                      | <u>400W MV**</u> | <u>400W MV**</u> | <u>400W MV**</u> |
|----------------------|------------------|------------------|------------------|
|                      | East-EMD         | North-MW7        | South-MWG        |
| To December 31, 2014 | 14.08            | 13.11            | 12.34            |
| To December 31, 2015 | 14.68            | 13.79            | 13.09            |
| To December 31, 2016 | 15.29            | 14.47            | 13.83            |
| To December 31, 2017 | 15.40            | 14.70            | 14.15            |
| To December 31, 2018 | 15.52            | 14.93            | 14.47            |
| To December 31, 2019 | 15.63            | 15.16            | 14.79            |
| To December 31, 2020 | 15.74            | 15.39            | 15.12            |
| To December 31, 2021 | 15.86            | 15.62            | 15.44            |
| To December 31, 2022 | 15.97            | 15.85            | 15.76            |
| To December 31, 2023 | 16.08            | 16.08            | 16.08            |

**\*\*Mercury vapor is not available for new installations and shall be replaced at no cost to the customer.**



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1<sup>st</sup> Revised Sheet No. 240  
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**RATE SL – STREET LIGHTING (continued)**

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**STREET LIGHTING TABLES – COMPANY-OWNED (continued)**

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**Table SL A7**  
**400W Company-Owned Lighting**  
**Monthly Rate per Fixture**

T

|                      | <u>400W HPS</u> | <u>400W HPS</u> | <u>400W HPS</u>      |
|----------------------|-----------------|-----------------|----------------------|
|                      | East-EMN        | North-HW7       | South-WSE and<br>HWG |
| To December 31, 2014 | 15.57           | 16.02           | 18.36                |
| To December 31, 2015 | 16.05           | 16.47           | 18.62                |
| To December 31, 2016 | 16.54           | 16.92           | 18.88                |
| To December 31, 2017 | 16.47           | 16.80           | 18.48                |
| To December 31, 2018 | 16.41           | 16.68           | 18.08                |
| To December 31, 2019 | 16.34           | 16.56           | 17.68                |
| To December 31, 2020 | 16.28           | 16.44           | 17.28                |
| To December 31, 2021 | 16.21           | 16.32           | 16.88                |
| To December 31, 2022 | 16.15           | 16.20           | 16.48                |
| To December 31, 2023 | 16.08           | 16.08           | 16.08                |

T



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2<sup>nd</sup> Revised Sheet No. 241  
Canceling 1<sup>st</sup> Revised Sheet No. 241

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**RATE SL – STREET LIGHTING (continued)**

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**STREET LIGHTING TABLES – COMPANY-OWNED (continued)**

**B. Non-Wood Poles**

1. For lighting configurations that do not have price codes identified herein, pricing will be based on the sum of the applicable lighting price in Section A, pole charges in Table SL B1, and circuit charges in Table SL C1. The prices, below, are subject to adjustment clauses and riders herein.

**Table SL B1**  
**New Installations Non-Wood Pole-Only Charges -**  
**(to be combined with Prices in Sections A and C, as applicable)**  
**Monthly Rate per Non-Wood Pole Only**

T

|                      | <u>All Price Zones</u> |
|----------------------|------------------------|
| To December 31, 2014 | 11.32                  |
| To December 31, 2015 | 12.29                  |
| To December 31, 2016 | 13.27                  |
| To December 31, 2017 | 13.85                  |
| To December 31, 2018 | 14.43                  |
| To December 31, 2019 | 15.00                  |
| To December 31, 2020 | 15.59                  |
| To December 31, 2021 | 16.16                  |
| To December 31, 2022 | 16.74                  |
| To December 31, 2023 | 17.32                  |

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**RATE SL – STREET LIGHTING (continued)**


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**STREET LIGHTING TABLES – COMPANY-OWNED (continued)**

2. Applicable monthly charges shown are by former price zone and price code and subject to adjustment clauses and riders herein. High pressure sodium applications shown below in table SL B2 and SL B3 are limited to those applications installed before May 28, 2021. T  
N  
N  
N

**Table SL B2**  
**Company-Owned Lighting on Non-Wood Poles Served Overhead**  
**Bridge Lighting Only**  
**Monthly Rate per Fixture**

|                      | <u>70W</u><br><u>HPS</u><br>South-<br>HSA | <u>100W</u><br><u>HPS</u><br>South-<br>HSB | <u>150W</u><br><u>HPS</u><br>South-<br>HSC | <u>175W</u><br><u>MV**</u><br>North-<br>MO4 | <u>250W</u><br><u>HPS</u><br>South-<br>HSF | <u>400W</u><br><u>HPS</u><br>South-<br>HSG |
|----------------------|---|--|--|---|--|--|
| To December 31, 2014 | 12.58                                     | 13.42                                      | 14.99                                      | 12.87                                       | 21.25                                      | 24.07                                      |
| To December 31, 2015 | 14.29                                     | 15.16                                      | 16.77                                      | 14.86                                       | 22.78                                      | 25.75                                      |
| To December 31, 2016 | 16.01                                     | 16.91                                      | 18.54                                      | 16.85                                       | 24.32                                      | 27.43                                      |
| To December 31, 2017 | 17.32                                     | 18.22                                      | 19.83                                      | 18.44                                       | 25.13                                      | 28.28                                      |
| To December 31, 2018 | 18.63                                     | 19.53                                      | 21.12                                      | 20.04                                       | 25.94                                      | 29.14                                      |
| To December 31, 2019 | 19.94                                     | 20.85                                      | 22.40                                      | 21.63                                       | 26.74                                      | 29.99                                      |
| To December 31, 2020 | 21.25                                     | 22.16                                      | 23.69                                      | 23.22                                       | 27.55                                      | 30.84                                      |
| To December 31, 2021 | 22.56                                     | 23.47                                      | 24.97                                      | 24.81                                       | 28.36                                      | 31.70                                      |
| To December 31, 2022 | 23.87                                     | 24.78                                      | 26.26                                      | 26.41                                       | 29.17                                      | 32.55                                      |
| To December 31, 2023 | 25.18                                     | 26.10                                      | 27.55                                      | 28.00                                       | 29.98                                      | 33.41                                      |

**\*\*Mercury vapor is not available for new installations and shall be replaced at no cost to the customer.**



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**RATE SL – STREET LIGHTING (continued)**

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N

**STREET LIGHTING TABLES – COMPANY-OWNED (continued)**

N

**Table SL B3**  
**Company-Owned Lighting on Non-Wood Poles Served Overhead**  
**Bridge Lighting Only**  
**Monthly Rate per Fixture**

N

N

N

N

|                      | <u>LED (100 W</u><br><u>comp HPS)</u> | <u>LED (150 W</u><br><u>comp HPS)</u> | <u>LED (250 W</u><br><u>comp HPS)</u> | <u>LED (400 W</u><br><u>comp HPS)</u> |   |
|----------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---|
|                      | LVB                                   | LVC                                   | LVF                                   | LVG                                   |   |
| To December 31, 2015 | 19.57                                 | 21.10                                 | 22.31                                 | 23.85                                 | N |
| To December 31, 2016 | 20.55                                 | 22.08                                 | 23.29                                 | 24.83                                 | N |
| To December 31, 2017 | 21.13                                 | 22.66                                 | 23.87                                 | 25.41                                 | N |
| To December 31, 2018 | 21.71                                 | 23.24                                 | 24.45                                 | 25.99                                 | N |
| To December 31, 2019 | 22.28                                 | 23.81                                 | 25.02                                 | 26.56                                 | N |
| To December 31, 2020 | 22.87                                 | 24.40                                 | 25.61                                 | 27.15                                 | N |
| To December 31, 2021 | 23.44                                 | 24.97                                 | 26.18                                 | 27.72                                 | N |
| To December 31, 2022 | 24.02                                 | 25.55                                 | 26.76                                 | 28.30                                 | N |
| To December 31, 2023 | 24.60                                 | 26.13                                 | 27.34                                 | 28.88                                 | N |





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## RATE SL – STREET LIGHTING (continued)

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### STREET LIGHTING TABLES – COMPANY-OWNED (continued)

T

#### C. Underground Service for Company-Owned Lighting

1. For lighting configurations that do not have price codes identified herein, pricing will be based on the sum of the applicable lighting price in Section A, pole charges in Table SL B1, and circuit charges in Table SL C1. The applicable monthly charges are subject to adjustment clauses and riders herein.

#### Table SL C1

#### **New Underground Circuit Only Serving Company-Owned Lighting (to be combined with prices in Section A and B, if applicable)**

T

#### **Monthly Rate per Underground Circuit Only**

T

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|                      | <u>All Price Zones</u> |
|----------------------|------------------------|
| To December 31, 2014 | 2.78                   |
| To December 31, 2015 | 3.02                   |
| To December 31, 2016 | 3.26                   |
| To December 31, 2017 | 3.40                   |
| To December 31, 2018 | 3.54                   |
| To December 31, 2019 | 3.68                   |
| To December 31, 2020 | 3.83                   |
| To December 31, 2021 | 3.97                   |
| To December 31, 2022 | 4.11                   |
| To December 31, 2023 | 4.25                   |

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**RATE SL – STREET LIGHTING (continued)**


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**STREET LIGHTING TABLES – COMPANY-OWNED (continued)**

2. The applicable monthly charges shown are by former price zone and price code and are subject to adjustment clauses and riders herein. High pressure sodium applications shown below in tables SL C2 and SL C3 are limited to those applications installed before May 28, 2021. T  
N  
N  
N

**Table SL C2**  
**Company-Owned Lighting on Non-Wood Poles Served by Underground**  
**Monthly Rate per Fixture**

|                      | <u>70W</u><br><u>HPS</u><br>South-<br>HUA | <u>100W HPS</u> |               | <u>150W</u><br><u>HPS</u><br>South-<br>HUC | <u>250W HPS</u> |               |
|----------------------|---|-----------------|---------------|--|-----------------|---------------|
|                      |   | North-<br>HO2   | South-<br>HUB |  | North-<br>HU6   | South-<br>HUF |
| To December 31, 2014 | 18.90                                     | 14.55           | 19.73         | 25.45                                      | 26.79           | 30.41         |
| To December 31, 2015 | 20.57                                     | 16.66           | 21.43         | 26.85                                      | 28.34           | 31.68         |
| To December 31, 2016 | 22.24                                     | 18.78           | 23.14         | 28.25                                      | 29.90           | 32.94         |
| To December 31, 2017 | 23.27                                     | 20.43           | 24.17         | 28.76                                      | 30.52           | 33.13         |
| To December 31, 2018 | 24.30                                     | 22.08           | 25.20         | 29.26                                      | 31.13           | 33.31         |
| To December 31, 2019 | 25.32                                     | 23.73           | 26.23         | 29.77                                      | 31.75           | 33.49         |
| To December 31, 2020 | 26.35                                     | 25.39           | 27.26         | 30.28                                      | 32.37           | 33.68         |
| To December 31, 2021 | 27.38                                     | 27.04           | 28.28         | 30.78                                      | 32.99           | 33.86         |
| To December 31, 2022 | 28.40                                     | 28.69           | 29.31         | 31.29                                      | 33.61           | 34.04         |
| To December 31, 2023 | 29.43                                     | 30.34           | 30.34         | 31.79                                      | 34.22           | 34.22         |



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## RATE SL – STREET LIGHTING (continued)

### STREET LIGHTING TABLES – COMPANY-OWNED (continued)

**Table SL C3**

**Company-Owned Lighting on Non-Wood Poles served by Underground  
Monthly Rate per Fixture**

|                      | <u>400W MV**</u> | <u>400W HPS</u> |           | <u>400W MV ½</u><br><u>Night*</u> |
|----------------------|------------------|-----------------|-----------|-----------------------------------|
|                      | North-MU7        | North-HU7       | South-HUG | North-MP7                         |
| To December 31, 2014 | 23.78            | 29.90           | 33.16     | 37.64                             |
| To December 31, 2015 | 25.94            | 31.57           | 34.57     | 38.70                             |
| To December 31, 2016 | 28.10            | 33.25           | 35.99     | 39.76                             |
| To December 31, 2017 | 29.47            | 33.88           | 36.23     | 39.46                             |
| To December 31, 2018 | 30.83            | 34.51           | 36.46     | 39.16                             |
| To December 31, 2019 | 32.20            | 35.14           | 36.70     | 38.86                             |
| To December 31, 2020 | 33.56            | 35.77           | 36.94     | 38.56                             |
| To December 31, 2021 | 34.93            | 36.40           | 37.18     | 38.26                             |
| To December 31, 2022 | 36.29            | 37.03           | 37.42     | 37.96                             |
| To December 31, 2023 | 37.65            | 37.65           | 37.65     | 37.65                             |

**\*Not available for new installations after July 31, 2014.**

**\*\*Mercury vapor is not available for new installations and shall be replaced at no cost to the customer.**

**Table SL C4**

**Company-Owned LED Lighting on Non-Wood Poles served by Underground  
Monthly Rate per Fixture**

|                      | <u>LED (100 W</u><br><u>comp HPS)</u> | <u>LED (150 W</u><br><u>comp HPS)</u> | <u>LED (250 W</u><br><u>comp HPS)</u> | <u>LED (400 W</u><br><u>comp HPS)</u> |
|----------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
|                      | E-ELA, N-LO2,<br>S-LUB                | E-ELB, N-LO3,<br>S-LUC                | E-ELC, N-LO6,<br>S-LUF                | <u>All areas</u><br>ELD               |
| To December 31, 2015 | 22.59                                 | 24.12                                 | 25.33                                 | 26.87                                 |
| To December 31, 2016 | 23.81                                 | 25.34                                 | 26.55                                 | 28.09                                 |
| To December 31, 2017 | 24.53                                 | 26.06                                 | 27.27                                 | 28.81                                 |
| To December 31, 2018 | 25.25                                 | 26.78                                 | 27.99                                 | 29.53                                 |
| To December 31, 2019 | 25.96                                 | 27.49                                 | 28.70                                 | 30.24                                 |
| To December 31, 2020 | 26.70                                 | 28.23                                 | 29.44                                 | 30.98                                 |
| To December 31, 2021 | 27.41                                 | 28.94                                 | 30.15                                 | 31.69                                 |
| To December 31, 2022 | 28.13                                 | 29.66                                 | 30.87                                 | 32.41                                 |
| To December 31, 2023 | 28.85                                 | 30.38                                 | 31.59                                 | 33.13                                 |



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**RATE SL – STREET LIGHTING (continued)**

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**STREET LIGHTING TABLES – COMPANY-OWNED (continued)**

- D. The applicable monthly charges are subject to adjustment clauses and riders herein. High pressure sodium applications shown below in tables SL D1 and SL D2 are limited to those applications installed before May 28, 2021.

N  
N

**Table SL D1**  
**Company-Owned Decorative Lighting**  
**Monthly Rate per Fixture**

|                      | <u>100W HPS</u> | <u>150W HPS</u> | <u>250W HPS</u> |
|----------------------|-----------------|-----------------|-----------------|
|                      | North-HV2       | South-HVC       | South-HVF       |
| To December 31, 2014 | 17.66           | 32.40           | 38.49           |
| To December 31, 2015 | 20.21           | 33.90           | 39.72           |
| To December 31, 2016 | 22.77           | 35.39           | 40.95           |
| To December 31, 2017 | 24.75           | 35.73           | 40.79           |
| To December 31, 2018 | 26.74           | 36.07           | 40.64           |
| To December 31, 2019 | 28.73           | 36.41           | 40.48           |
| To December 31, 2020 | 30.72           | 36.75           | 40.32           |
| To December 31, 2021 | 32.71           | 37.09           | 40.16           |
| To December 31, 2022 | 34.70           | 37.43           | 40.00           |
| To December 31, 2023 | 36.68           | 37.77           | 39.84           |



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## RATE SL – STREET LIGHTING (continued)

N

### STREET LIGHTING TABLES – COMPANY-OWNED (continued)

N

**Table SL D2**  
**Company-Owned Twin Lighting**  
**Monthly Rate per Fixture\***

|                      | <u>100W HPS</u> | <u>150W HPS</u> | <u>250W HPS</u> | <u>400W HPS</u> |     |
|----------------------|-----------------|-----------------|-----------------|-----------------|-----|
|                      | South-HTB       | South-HTC       | South-HTF       | South-HTG       | T/L |
| To December 31, 2014 | 14.40           | 18.04           | 22.99           | 25.77           | L   |
| To December 31, 2015 | 15.36           | 18.87           | 23.68           | 26.61           | L   |
| To December 31, 2016 | 16.32           | 19.69           | 24.38           | 27.44           | L   |
| To December 31, 2017 | 16.79           | 19.88           | 24.24           | 27.36           | L   |
| To December 31, 2018 | 17.25           | 20.07           | 24.11           | 27.28           | L   |
| To December 31, 2019 | 17.71           | 20.26           | 23.98           | 27.20           | L   |
| To December 31, 2020 | 18.17           | 20.45           | 23.84           | 27.12           | L   |
| To December 31, 2021 | 18.64           | 20.63           | 23.71           | 27.03           | L   |
| To December 31, 2022 | 19.10           | 20.82           | 23.57           | 26.95           | L   |
| To December 31, 2023 | 19.56           | 21.01           | 23.44           | 26.87           | L   |

**Table SL D3**  
**Company-Owned Twin Lighting**  
**Monthly Rate per Fixture\***

|                      | <u>LED (100 W</u> | <u>LED (150 W</u> | <u>LED (250 W</u> | <u>LED (400 W</u> |   |
|----------------------|-------------------|-------------------|-------------------|-------------------|---|
|                      | <u>comp HPS)</u>  | <u>comp HPS)</u>  | <u>comp HPS)</u>  | <u>comp HPS)</u>  |   |
|                      | LAB               | LAC               | LAF               | LAG               |   |
| To December 31, 2015 | 14.94             | 16.47             | 17.68             | 19.22             | N |
| To December 31, 2016 | 15.55             | 17.08             | 18.29             | 19.83             | N |
| To December 31, 2017 | 15.91             | 17.44             | 18.65             | 20.19             | N |
| To December 31, 2018 | 16.27             | 17.80             | 19.01             | 20.55             | N |
| To December 31, 2019 | 16.62             | 18.15             | 19.36             | 20.90             | N |
| To December 31, 2020 | 16.99             | 18.52             | 19.73             | 21.27             | N |
| To December 31, 2021 | 17.35             | 18.88             | 20.09             | 21.63             | N |
| To December 31, 2022 | 17.71             | 19.24             | 20.45             | 21.99             | N |
| To December 31, 2023 | 18.07             | 19.60             | 20.81             | 22.35             | N |

**\*The rate for each structure with twin lighting fixtures is twice the amount shown.**

N



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1<sup>st</sup> Revised Sheet No. 247  
Canceling 2<sup>nd</sup> Substitute Original Sheet No. 247

## RATE SL – STREET LIGHTING (continued)

### STREET LIGHTING TABLES – CUSTOMER-OWNED

T

E. The applicable monthly charges are subject to adjustment clauses and riders herein.

#### Table SL E1

#### **70W Customer-Owned Lighting with Company-Supplied Energy Only** **Monthly Rate per Fixture**

N  
T

|                      | <u>70W HPS</u><br>East-ECJ | <u>70W HPS</u><br>North-HE1 | <u>70W HPS</u><br>South-HEA |
|----------------------|----------------------------|-----------------------------|-----------------------------|
| To December 31, 2014 | 1.17                       | 1.47                        | 1.32                        |
| To December 31, 2015 | 1.26                       | 1.54                        | 1.40                        |
| To December 31, 2016 | 1.35                       | 1.60                        | 1.48                        |
| To December 31, 2017 | 1.40                       | 1.62                        | 1.51                        |
| To December 31, 2018 | 1.45                       | 1.63                        | 1.54                        |
| To December 31, 2019 | 1.50                       | 1.65                        | 1.57                        |
| To December 31, 2020 | 1.55                       | 1.66                        | 1.61                        |
| To December 31, 2021 | 1.60                       | 1.68                        | 1.64                        |
| To December 31, 2022 | 1.65                       | 1.69                        | 1.67                        |
| To December 31, 2023 | 1.71                       | 1.71                        | 1.71                        |

T

#### Table SL E2

#### **100W Customer-Owned Lighting with Company-Supplied Energy Only** **Monthly Rate per Fixture**

N  
T

|                      | <u>100W HPS</u><br>East-ECK | <u>100W MH</u><br>East-ECR | <u>100W MV</u><br>East-ECA | <u>100W HPS</u><br>North-HE2 | <u>100W HPS</u><br>South-HEB |
|----------------------|-----------------------------|----------------------------|----------------------------|------------------------------|------------------------------|
| To December 31, 2014 | 1.62                        | 1.62                       | 1.42                       | 2.10                         | 1.89                         |
| To December 31, 2015 | 1.75                        | 1.75                       | 1.57                       | 2.19                         | 1.99                         |
| To December 31, 2016 | 1.88                        | 1.88                       | 1.71                       | 2.28                         | 2.10                         |
| To December 31, 2017 | 1.96                        | 1.96                       | 1.82                       | 2.30                         | 2.15                         |
| To December 31, 2018 | 2.03                        | 2.03                       | 1.92                       | 2.32                         | 2.20                         |
| To December 31, 2019 | 2.11                        | 2.11                       | 2.02                       | 2.34                         | 2.24                         |
| To December 31, 2020 | 2.19                        | 2.19                       | 2.12                       | 2.37                         | 2.29                         |
| To December 31, 2021 | 2.27                        | 2.27                       | 2.23                       | 2.39                         | 2.34                         |
| To December 31, 2022 | 2.35                        | 2.35                       | 2.33                       | 2.41                         | 2.38                         |
| To December 31, 2023 | 2.43                        | 2.43                       | 2.43                       | 2.43                         | 2.43                         |

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1<sup>st</sup> Revised Sheet No. 248  
Canceling 2<sup>nd</sup> Substitute Original Sheet No. 248

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**RATE SL – STREET LIGHTING (continued)**

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**STREET LIGHTING TABLES – CUSTOMER-OWNED (continued)**

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**Table SL E3**  
**150W Customer-Owned Lighting with Company-Supplied Energy Only**  
**Monthly Rate per Fixture**

N

T

|                      | <u>150W HPS</u> | <u>150W HPS</u> | <u>150W MH</u> | <u>150W HPS</u> | <u>150 W MH</u> |
|----------------------|-----------------|-----------------|----------------|-----------------|-----------------|
|                      | East-ECL        | North-HE3       | North- MH3     | South-HEC       | South-MHC       |
| To December 31, 2014 | 2.37            | 3.04            | 3.04           | 2.74            | 2.74            |
| To December 31, 2015 | 2.56            | 3.17            | 3.17           | 2.89            | 2.89            |
| To December 31, 2016 | 2.74            | 3.31            | 3.31           | 3.05            | 3.05            |
| To December 31, 2017 | 2.85            | 3.34            | 3.34           | 3.12            | 3.12            |
| To December 31, 2018 | 2.97            | 3.37            | 3.37           | 3.18            | 3.18            |
| To December 31, 2019 | 3.08            | 3.40            | 3.40           | 3.25            | 3.25            |
| To December 31, 2020 | 3.19            | 3.43            | 3.43           | 3.32            | 3.32            |
| To December 31, 2021 | 3.30            | 3.46            | 3.46           | 3.38            | 3.38            |
| To December 31, 2022 | 3.41            | 3.49            | 3.49           | 3.45            | 3.45            |
| To December 31, 2023 | 3.52            | 3.52            | 3.52           | 3.52            | 3.52            |

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**Table SL E4**  
**175W Customer-Owned Lighting with Company-Supplied Energy Only**  
**Monthly Rate per Fixture**

N

T

|                      | <u>175W MH</u> | <u>175W MV</u> | <u>175W MV</u> | <u>175W MV</u> |
|----------------------|----------------|----------------|----------------|----------------|
|                      | East-ECS       | East-ECB       | North-ME4      | South-MED      |
| To December 31, 2014 | 2.73           | 2.44           | 3.35           | 3.02           |
| To December 31, 2015 | 2.93           | 2.66           | 3.50           | 3.19           |
| To December 31, 2016 | 3.12           | 2.87           | 3.65           | 3.36           |
| To December 31, 2017 | 3.23           | 3.02           | 3.68           | 3.44           |
| To December 31, 2018 | 3.34           | 3.16           | 3.71           | 3.51           |
| To December 31, 2019 | 3.45           | 3.31           | 3.75           | 3.58           |
| To December 31, 2020 | 3.56           | 3.45           | 3.78           | 3.66           |
| To December 31, 2021 | 3.66           | 3.59           | 3.81           | 3.73           |
| To December 31, 2022 | 3.77           | 3.74           | 3.85           | 3.81           |
| To December 31, 2023 | 3.88           | 3.88           | 3.88           | 3.88           |

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1<sup>st</sup> Revised Sheet No. 249  
Canceling 2<sup>nd</sup> Substitute Original Sheet No. 249

## RATE SL – STREET LIGHTING (continued)

### STREET LIGHTING TABLES – CUSTOMER-OWNED (continued)

T

**Table SL E5**

**200W HPS and 250W MV Customer-Owned Lighting with Company-Supplied Energy Only**

N  
T

#### **Monthly Rate per Fixture**

|                      | <u>200W HPS</u> | <u>250W MV</u> | <u>250W MV</u> | <u>250W MV</u> |   |
|----------------------|-----------------|----------------|----------------|----------------|---|
|                      | North-HE5       | East-ECC       | North-ME6      | South-MEF      | T |
| To December 31, 2014 | 4.55            | 3.34           | 4.67           | 4.21           |   |
| To December 31, 2015 | 4.75            | 3.67           | 4.90           | 4.47           |   |
| To December 31, 2016 | 4.95            | 4.00           | 5.12           | 4.73           |   |
| To December 31, 2017 | 4.99            | 4.22           | 5.19           | 4.85           |   |
| To December 31, 2018 | 5.04            | 4.45           | 5.25           | 4.97           |   |
| To December 31, 2019 | 5.09            | 4.68           | 5.32           | 5.10           |   |
| To December 31, 2020 | 5.13            | 4.90           | 5.39           | 5.22           |   |
| To December 31, 2021 | 5.18            | 5.13           | 5.45           | 5.34           |   |
| To December 31, 2022 | 5.23            | 5.36           | 5.52           | 5.46           |   |
| To December 31, 2023 | 5.27            | 5.59           | 5.59           | 5.59           |   |

**Table SL E6**

**250W Non-MV Customer-Owned Lighting with Company-Supplied Energy Only**

N  
T

#### **Monthly Rate per Fixture**

|                      | <u>250W HPS</u> | <u>250W MH</u> | <u>250W HPS</u> | <u>250W HPS</u> | <u>250W MH</u> |   |
|----------------------|-----------------|----------------|-----------------|-----------------|----------------|---|
|                      | East-ECM        | East-ECT       | North-HE6       | South-HEF       | South-MHF      | T |
| To December 31, 2014 | 3.45            | 3.45           | 4.83            | 4.34            | 4.34           |   |
| To December 31, 2015 | 3.77            | 3.77           | 5.04            | 4.59            | 4.59           |   |
| To December 31, 2016 | 4.09            | 4.09           | 5.25            | 4.84            | 4.84           |   |
| To December 31, 2017 | 4.31            | 4.31           | 5.30            | 4.95            | 4.95           |   |
| To December 31, 2018 | 4.52            | 4.52           | 5.34            | 5.05            | 5.05           |   |
| To December 31, 2019 | 4.73            | 4.73           | 5.39            | 5.16            | 5.16           |   |
| To December 31, 2020 | 4.95            | 4.95           | 5.44            | 5.27            | 5.27           |   |
| To December 31, 2021 | 5.16            | 5.16           | 5.49            | 5.37            | 5.37           |   |
| To December 31, 2022 | 5.37            | 5.37           | 5.54            | 5.48            | 5.48           |   |
| To December 31, 2023 | 5.59            | 5.59           | 5.59            | 5.59            | 5.59           |   |





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1<sup>st</sup> Revised Sheet No. 250  
Canceling 4<sup>th</sup> Substitute Original Sheet No. 250

## RATE SL – STREET LIGHTING (continued)

### STREET LIGHTING TABLES – CUSTOMER-OWNED (continued)

**Table SL E7**

#### **400W Customer-Owned Lighting with Company-Supplied Energy Only**

##### **Monthly Rate per Fixture**

|                      | <u>400W MV</u><br>East-ECD | <u>400W MV</u><br>South-MEG | <u>400W HPS</u><br>East-ECN | <u>400W HPS</u><br>North-HE7 | <u>400W HPS</u><br>South-HEG |
|----------------------|----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|
| To December 31, 2014 | 5.07                       | 6.56                        | 5.40                        | 7.37                         | 6.62                         |
| To December 31, 2015 | 5.58                       | 6.94                        | 5.88                        | 7.69                         | 7.01                         |
| To December 31, 2016 | 6.08                       | 7.33                        | 6.35                        | 8.01                         | 7.39                         |
| To December 31, 2017 | 6.43                       | 7.50                        | 6.66                        | 8.08                         | 7.55                         |
| To December 31, 2018 | 6.78                       | 7.67                        | 6.97                        | 8.16                         | 7.71                         |
| To December 31, 2019 | 7.13                       | 7.84                        | 7.28                        | 8.23                         | 7.87                         |
| To December 31, 2020 | 7.48                       | 8.01                        | 7.59                        | 8.30                         | 8.04                         |
| To December 31, 2021 | 7.83                       | 8.18                        | 7.91                        | 8.38                         | 8.20                         |
| To December 31, 2022 | 8.18                       | 8.35                        | 8.22                        | 8.45                         | 8.36                         |
| To December 31, 2023 | 8.53                       | 8.53                        | 8.53                        | 8.53                         | 8.53                         |

**Table SL E8**

#### **1,000W Customer-Owned Lighting with Company-Supplied Energy Only**

##### **Monthly Rate per Fixture**

|                      | <u>1,000W MH</u><br>East-ECP | <u>1,000W MH</u><br>North-MH9 | <u>1,000W MH</u><br>South-MVP | <u>1,000W MH</u><br>Until 10:00 pm*<br>North-VP9 |
|----------------------|------------------------------|-------------------------------|-------------------------------|--|
| To December 31, 2014 | 17.17                        | 17.17                         | 17.17                         | 3.35   |
| To December 31, 2015 | 17.93                        | 17.93                         | 17.93                         | 3.50   |
| To December 31, 2016 | 18.68                        | 18.68                         | 18.68                         | 3.65   |
| To December 31, 2017 | 18.85                        | 18.85                         | 18.85                         | 3.68   |
| To December 31, 2018 | 19.03                        | 19.03                         | 19.03                         | 3.71   |
| To December 31, 2019 | 19.20                        | 19.20                         | 19.20                         | 3.75   |
| To December 31, 2020 | 19.38                        | 19.38                         | 19.38                         | 3.78   |
| To December 31, 2021 | 19.55                        | 19.55                         | 19.55                         | 3.81   |
| To December 31, 2022 | 19.73                        | 19.73                         | 19.73                         | 3.85   |
| To December 31, 2023 | 19.90                        | 19.90                         | 19.90                         | 3.88   |

\* Not available for new installations after July 31, 2014.



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2<sup>nd</sup> Revised Sheet No. 251  
Canceling 1<sup>st</sup> Revised Sheet No. 251

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## RATE SL – STREET LIGHTING (continued)

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### STREET LIGHTING TABLES – CUSTOMER-OWNED (continued)

F. The applicable monthly charges are subject to adjustment clauses and riders herein. The following rates in Tables SL F1 through SL F6 are limited to those applications installed before May 28, 2021.

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N  
N

**Table SL F1**  
**70W and 100W Customer-Owned Lighting with Company-Supplied**  
**Energy and Maintenance**  
**Monthly Rate per Fixture**

|                      | <u>70W HPS</u><br>South-HMA | <u>100W HPS</u><br>North-HM2 | <u>100W HPS</u><br>South-HMB |
|----------------------|-----------------------------|------------------------------|------------------------------|
| To December 31, 2014 | 5.22                        | 4.40                         | 5.89                         |
| To December 31, 2015 | 5.27                        | 4.60                         | 5.97                         |
| To December 31, 2016 | 5.33                        | 4.79                         | 6.04                         |
| To December 31, 2017 | 5.19                        | 4.84                         | 5.91                         |
| To December 31, 2018 | 5.05                        | 4.88                         | 5.77                         |
| To December 31, 2019 | 4.91                        | 4.92                         | 5.63                         |
| To December 31, 2020 | 4.77                        | 4.96                         | 5.50                         |
| To December 31, 2021 | 4.63                        | 5.00                         | 5.36                         |
| To December 31, 2022 | 4.50                        | 5.04                         | 5.22                         |
| To December 31, 2023 | 4.36                        | 5.08                         | 5.08                         |

**Table SL F2**  
**150W Customer-Owned Lighting with Company-Supplied**  
**Energy and Maintenance**  
**Monthly Rate per Fixture**

|                      | <u>150W HPS</u><br>East-EAL | <u>150W HPS</u><br>North-HM3 | <u>150W HPS</u><br>South-HMC |
|----------------------|-----------------------------|------------------------------|------------------------------|
| To December 31, 2014 | 4.76                        | 5.76                         | 6.74                         |
| To December 31, 2015 | 5.04                        | 5.96                         | 6.87                         |
| To December 31, 2016 | 5.32                        | 6.17                         | 6.99                         |
| To December 31, 2017 | 5.44                        | 6.17                         | 6.87                         |
| To December 31, 2018 | 5.56                        | 6.17                         | 6.76                         |
| To December 31, 2019 | 5.69                        | 6.17                         | 6.64                         |
| To December 31, 2020 | 5.81                        | 6.17                         | 6.52                         |
| To December 31, 2021 | 5.93                        | 6.17                         | 6.41                         |
| To December 31, 2022 | 6.05                        | 6.17                         | 6.29                         |
| To December 31, 2023 | 6.17                        | 6.17                         | 6.17                         |



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1<sup>st</sup> Revised Sheet No. 252  
Canceling 2<sup>nd</sup> Substitute Original Sheet No. 252

## RATE SL – STREET LIGHTING (continued)

### STREET LIGHTING TABLES – CUSTOMER-OWNED (continued)

**Table SL F3**  
**175W Customer-Owned Lighting with Company-Supplied**  
**Energy and Maintenance**  
**Monthly Rate per Fixture**

|                      | <u>175W MH</u> | <u>175W MV</u> | <u>175W MV</u> |
|----------------------|----------------|----------------|----------------|
|                      | East-EAS       | North-MM4      | South-MMD      |
| To December 31, 2014 | 5.12           | 4.81           | 5.66           |
| To December 31, 2015 | 5.41           | 5.13           | 5.91           |
| To December 31, 2016 | 5.70           | 5.45           | 6.16           |
| To December 31, 2017 | 5.82           | 5.60           | 6.21           |
| To December 31, 2018 | 5.94           | 5.76           | 6.27           |
| To December 31, 2019 | 6.06           | 5.91           | 6.32           |
| To December 31, 2020 | 6.18           | 6.07           | 6.37           |
| To December 31, 2021 | 6.30           | 6.22           | 6.43           |
| To December 31, 2022 | 6.41           | 6.38           | 6.48           |
| To December 31, 2023 | 6.53           | 6.53           | 6.53           |

**Table SL F4**  
**250W Customer-Owned Lighting with Company-Supplied**  
**Energy and Maintenance**  
**Monthly Rate per Fixture**

|                      | <u>250W MV</u> | <u>250W MV</u> | <u>250W HPS</u> | <u>250W HPS</u> | <u>250W HPS</u> |
|----------------------|----------------|----------------|-----------------|-----------------|-----------------|
|                      | North-MM6      | South-MMF      | East-EAM        | North-HM6       | South-HMF       |
| To December 31, 2014 | 6.01           | 6.42           | 6.23            | 7.44            | 8.25            |
| To December 31, 2015 | 6.41           | 6.79           | 6.62            | 7.73            | 8.47            |
| To December 31, 2016 | 6.81           | 7.16           | 7.00            | 8.02            | 8.70            |
| To December 31, 2017 | 7.02           | 7.31           | 7.18            | 8.05            | 8.63            |
| To December 31, 2018 | 7.22           | 7.47           | 7.36            | 8.08            | 8.57            |
| To December 31, 2019 | 7.42           | 7.62           | 7.53            | 8.11            | 8.50            |
| To December 31, 2020 | 7.63           | 7.78           | 7.71            | 8.14            | 8.44            |
| To December 31, 2021 | 7.83           | 7.93           | 7.89            | 8.18            | 8.37            |
| To December 31, 2022 | 8.04           | 8.08           | 8.06            | 8.21            | 8.30            |
| To December 31, 2023 | 8.24           | 8.24           | 8.24            | 8.24            | 8.24            |



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1<sup>st</sup> Revised Sheet No. 253  
Canceling 3<sup>rd</sup> Substitute Original Sheet No. 253

## RATE SL – STREET LIGHTING (continued)

### STREET LIGHTING TABLES – CUSTOMER-OWNED (continued)

**Table SL F5**  
**400W Customer-Owned Lighting with Company-Supplied**  
**Energy and Maintenance**  
**Monthly Rate per Fixture**

|                      | <u>400W</u><br><u>MV</u><br>East-<br>EAD | <u>400W</u><br><u>MV</u><br>North-<br>MM7 | <u>400W</u><br><u>MV</u><br>South-<br>MMG | <u>400W</u><br><u>HPS</u><br>East-<br>EAN | <u>400W</u><br><u>MH</u><br>East-<br>EAU | <u>400W</u><br><u>HPS</u><br>North-<br>HM7 | <u>400W</u><br><u>HPS</u><br>South-<br>HMG |
|----------------------|--|---|---|---|--|--|--|
| To December 31, 2014 | 6.41                                     | 8.03                                      | 8.09                                      | 8.30                                      | 8.30                                     | 9.58                                       | 11.75                                      |
| To December 31, 2015 | 7.10                                     | 8.59                                      | 8.64                                      | 8.83                                      | 8.83                                     | 10.01                                      | 12.00                                      |
| To December 31, 2016 | 7.78                                     | 9.14                                      | 9.19                                      | 9.37                                      | 9.37                                     | 10.44                                      | 12.26                                      |
| To December 31, 2017 | 8.26                                     | 9.43                                      | 9.47                                      | 9.63                                      | 9.63                                     | 10.55                                      | 12.11                                      |
| To December 31, 2018 | 8.75                                     | 9.72                                      | 9.76                                      | 9.88                                      | 9.88                                     | 10.65                                      | 11.95                                      |
| To December 31, 2019 | 9.24                                     | 10.01                                     | 10.04                                     | 10.14                                     | 10.14                                    | 10.76                                      | 11.80                                      |
| To December 31, 2020 | 9.72                                     | 10.31                                     | 10.33                                     | 10.40                                     | 10.40                                    | 10.86                                      | 11.64                                      |
| To December 31, 2021 | 10.21                                    | 10.60                                     | 10.61                                     | 10.66                                     | 10.66                                    | 10.97                                      | 11.49                                      |
| To December 31, 2022 | 10.69                                    | 10.89                                     | 10.89                                     | 10.92                                     | 10.92                                    | 11.07                                      | 11.33                                      |
| To December 31, 2023 | 11.18                                    | 11.18                                     | 11.18                                     | 11.18                                     | 11.18                                    | 11.18                                      | 11.18                                      |

**Table SL F6**  
**1,000W Customer-Owned Lighting with Company-Supplied**  
**Energy and Maintenance**  
**Monthly Rate per Fixture**

|                      | <u>1,000W MH</u><br>East-ECX | <u>1,000W MH</u><br>North-MQ9 | <u>1,000W MV</u><br>South-MMH |
|----------------------|------------------------------|-------------------------------|-------------------------------|
| To December 31, 2014 | 17.79                        | 17.79                         | 17.16                         |
| To December 31, 2015 | 18.78                        | 18.78                         | 18.20                         |
| To December 31, 2016 | 19.77                        | 19.77                         | 19.24                         |
| To December 31, 2017 | 20.17                        | 20.17                         | 19.71                         |
| To December 31, 2018 | 20.57                        | 20.57                         | 20.18                         |
| To December 31, 2019 | 20.96                        | 20.96                         | 20.66                         |
| To December 31, 2020 | 21.36                        | 21.36                         | 21.13                         |
| To December 31, 2021 | 21.76                        | 21.76                         | 21.61                         |
| To December 31, 2022 | 22.16                        | 22.16                         | 22.08                         |
| To December 31, 2023 | 22.55                        | 22.55                         | 22.55                         |



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1<sup>st</sup> Revised Sheet No. 254  
Canceling Substitute Original Sheet No. 254

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## RATE SL – STREET LIGHTING (continued)

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### STREET LIGHTING TABLES – CUSTOMER-OWNED (continued)

G. The following table reflects per-light-fixture monthly pricing for customer-owned group-operated street lights for which the Company shall furnish only maintenance. The prices, below, are subject to adjustment clauses and riders herein.

**Table SL G1**  
**Customer-Owned Metered Lighting with Company-Supplied Maintenance Only\***  
**Monthly Rate per Fixture**

|                      | <u>100 W HPS</u> | <u>250 W HPS</u> | <u>400 W HPS</u> |
|----------------------|------------------|------------------|------------------|
|                      | North-HK2        | North-HK6        | North-HK7        |
| To December 31, 2014 | 2.31             | 2.61             | 2.21             |
| To December 31, 2015 | 2.41             | 2.69             | 2.32             |
| To December 31, 2016 | 2.51             | 2.77             | 2.43             |
| To December 31, 2017 | 2.53             | 2.75             | 2.46             |
| To December 31, 2018 | 2.55             | 2.74             | 2.50             |
| To December 31, 2019 | 2.57             | 2.72             | 2.53             |
| To December 31, 2020 | 2.59             | 2.70             | 2.56             |
| To December 31, 2021 | 2.61             | 2.69             | 2.59             |
| To December 31, 2022 | 2.63             | 2.67             | 2.62             |
| To December 31, 2023 | 2.65             | 2.65             | 2.65             |

\* Not available for new installations after July 31, 2014.



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1<sup>st</sup> Revised Sheet No. 255  
Canceling Substitute Original Sheet No. 255

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## RATE AL – AREA LIGHTING

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### GENERAL

L

Service hereunder is subject to the Electric Service Policies and Terms and Conditions of the Company and any applicable Adjustment Clauses and Riders included in this electric tariff schedule.

L/T  
L/T  
L/T

### AVAILABILITY

T

Availability of area lighting is on a permanent and continuing basis for the lighting of entrances, driveways, and other private areas accessible from the customer's property or public property by Company service vehicles and adjacent to existing overhead secondary voltage and distribution circuits of the Company, or where such circuits may be extended to supply lighting units.

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D

Light-emitting diode (LED) is the Company standard for all new or replacement Company-owned area lighting. If there is an LED available with comparable light performance, the LED will be installed.

N  
N  
N

Existing mercury vapor (MV) applications are limited to those applications installed before January 1, 1990. High pressure sodium (HPS) applications are limited to those applications installed before July 15, 2020. Replacement or significant maintenance of existing MV or HPS lights may be made with LED if there is an LED available with comparable light performance.

N  
N  
N  
N  
N

**RATE AL – AREA LIGHTING (continued)**

## AREA LIGHTING STANDARDS

- The rate for an area light is based on an existing wood pole served by one (1) span of overhead secondary wire, area light fixture mounted on a typical three (3) foot arm or flood light bracket.
  - Area lighting mounted on other than three (3) foot mast arms is normally only available for use by homeowner associations and/or on private streets not maintained by government agencies in accordance with good engineering practice.
- Additional facilities needed beyond an existing wood pole, one (1) span of overhead secondary wire, and the three (3) foot arm with light fixture require the customer to pay for these as a contribution in aid of construction. Additional facilities may include but is not limited to, poles, transformers, additional spans, and underground installations.
  - For installations made after July 31, 2014, there is no longer an option to rent poles or additional spans of overhead secondary wiring for new installations.



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## **RATE AL – AREA LIGHTING (continued)**

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### **ACCESS**

L

Where Company-owned facilities are located on customer's property, the customer will provide reasonably safe and convenient access to its facilities for Company personnel and equipment for the purpose of maintenance and inspection. Property owners may be required to grant any necessary easements prior to the installation of the light(s). The Company shall be permitted to enter the customer's premises at all reasonable times for the purpose of installation, inspection, maintenance, and removal of its equipment and facilities.

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### **VANDALISM**

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The Company reserves the right to remove any fixture or fixtures in any location that has continuous vandalism.

L  
L

### **TIME SCHEDULES FOR PRIVATE AREA LIGHTS**

L

Area lights will be dusk-to-dawn and controlled by a photo-electric device actuated by intensity of natural light. The total estimated time of operation is 4,200 hours annually.

L  
L  
L

Metered lighting systems will be billed on the applicable general service rate.

L/T

### **SERVICE TO BE FURNISHED**

L

The Company will install, own, and maintain the lighting fixture on an existing distribution line pole and furnish electricity and maintenance as required to operate the light from dusk to dawn each night. Such service will also be furnished at locations adjacent to an existing distribution pole line of the Company with the lighting fixtures mounted on suitable poles owned and maintained by the customer or on additional standard distribution poles owned by the Company.

L  
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L  
L  
L  
L

The determination of the method of supply and type of facilities rests solely with the Company. This type of service will be furnished only if practical and safe from the standpoint of the Company and will not be supplied to light fixtures attached to buildings or where the installation of such lights would create an unusual hazard.

L  
L  
L  
L





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**RATE AL – AREA LIGHTING (continued)**

---

**CONTRACT PROVISIONS**

N

Contracts hereunder are subject to the following in addition to the net monthly rate, adjustment clauses, riders and late payment charge:

N  
N

- All facilities furnished hereunder shall remain the property of the Company and will be maintained by the Company.
- Maintenance of light equipment will be done only during normal working hours within a reasonable period following notification by the customer of the need for such maintenance.
- The customer shall be responsible for any damage, alteration or interference with Company electric facilities on customer's premises unless occasioned by the Company's negligence or by any cause beyond the control of the customer.

N  
N  
N  
N  
N  
N  
N  
N

**RELOCATIONS**

L

The customer shall pay for the cost of relocation of any light as a contribution in aid of construction when requested by the customer. The contribution in aid of construction shall be the work order cost of removing the existing light, labor cost to install the new light, less any salvage credit. The contribution in aid of construction shall be grossed up for income taxes.

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L  
L  
L

**CONVERSIONS**

N

Beginning July 15, 2020, at no cost to the customer, the Company will begin to replace Company-owned non-LED area lights requiring significant maintenance with a comparable LED fixture. If the customer requests replacement before significant maintenance is required, the Company will charge the customer \$100 per fixture for accelerated replacement.

N  
N  
N  
N  
N



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2<sup>nd</sup> Revised Sheet No. 256  
Canceling 1<sup>st</sup> Revised Sheet No. 256

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### RATE AL – AREA LIGHTING (continued)

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#### NET MONTHLY RATES

- A. Applicable monthly charges identified in the following tables are for lamp and fixtures on an existing standard wood distribution pole mounted with overhead wiring and one span of secondary voltage conductor served from available transformation and operated on all-night schedule. These charges are subject to adjustment clauses and riders specified herein.

|   |            |                                 |                  |   |
|---|------------|---------------------------------|------------------|---|
| 1. <u>LED Unmetered Area Lighting – mounted with three (3) foot mast arms</u> |            |                                 |                  | N |
| <u>Comparable HPS</u>   | <u>kWh</u> | <u>Monthly Rate per Fixture</u> | <u>All Areas</u> | N |
| 100 W   | 15         | 4.67                            | UL1              | N |
| 150 W   | 22         | 5.09                            | UL2              | N |
| 250 W   | 47         | 8.60                            | UL3              | N |
| 400 W   | 71         | 11.12                           | UL4              | N |

The above lighting is not suitable for lighting streets or thoroughfares.

|  |            |                                 |                  |   |
|--|------------|---------------------------------|------------------|---|
| 2. <u>LED Unmetered Flood Lighting – mounted on standard bracket</u> |            |                                 |                  | N |
| <u>Comparable HPS</u>  | <u>kWh</u> | <u>Monthly Rate per Fixture</u> | <u>All Areas</u> |   |
| 100 W  | 14         | 6.26                            | UL5              | N |
| 150 W  | 27         | 7.56                            | UL6              | N |
| 250 W  | 37         | 8.87                            | UL7              | N |
| 400 W  | 63         | 11.25                           | UL8              | N |
| 1000W  | 100        | 17.39                           | UL9              | N |

The above lighting is not suitable for lighting streets or thoroughfares.

|  |            |                                       |  |   |
|--|------------|---------------------------------------|--|---|
| 3. <u>LED Unmetered Lighting – mounted with six (6) foot mast arms</u> |            |                                       |  | N |
| <u>Comparable HPS</u>  | <u>kWh</u> | <u>Monthly Rate per Fixture</u>       |  | N |
| 100 W  | 16         | See SL rates for LED on Sheet No. 228 |  | N |
| 150 W  | 32         | See SL rates for LED on Sheet No. 228 |  | N |
| 250 W  | 42         | See SL rates for LED on Sheet No. 228 |  | N |
| 400 W  | 75         | See SL rates for LED on Sheet No. 228 |  | N |

The above lighting is suitable for lighting streets or thoroughfares and is only available for use by homeowner associations and/or on private streets not maintained by government agencies.



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### RATE AL – AREA LIGHTING (continued)

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#### NET MONTHLY RATES (continued)

4. MV & HPS Unmetered Lighting – mounted with three (3) foot mast arms  
– Not available for new installations on or after July 15, 2020

| <u>Lamp Size</u> | <u>kWh</u> | <u>Monthly Rate per Fixture</u> |
|------------------|------------|---------------------------------|
| 70 W             | 33         | See Table AL A1                 |
| 100 W            | 47         | See Table AL A2                 |
| 150 W            | 68         | See Table AL A3                 |
| 175 W            | 75         | See Table AL A4                 |
| 250 W            | 108        | See Table AL A5                 |
| 400 W            | 165        | See Table AL A6                 |
| 1,000 W          | 384        | See Table AL A7                 |

The above lighting is not suitable for lighting streets or thoroughfares.

5. MV & HPS Unmetered Lighting – mounted with six (6) foot mast arms –  
Not available for new installations on or after July 15, 2020

| <u>Lamp Size</u> | <u>kWh</u> | <u>Monthly Rate per Fixture</u> |
|------------------|------------|---------------------------------|
| 100 W            | 47         | See Table SL A2                 |
| 150 W            | 68         | See Table SL A3                 |
| 175 W            | 75         | See Table SL A4                 |
| 250 W            | 108        | See Table SL A5                 |
| 400 W            | 165        | See Table SL A6 or A7           |

The above lighting is suitable for lighting streets or thoroughfares and is only available for use by homeowner associations and/or on private streets not maintained by government agencies.

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L/N

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L

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L

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T/L

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**RATE AL – AREA LIGHTING (continued)**

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**NET MONTHLY RATES (continued)****6. Metered Lighting – Not available for new installations after  
July 31, 2014.**

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| <u>Lamp<br/>Size</u> | <u>kWh</u> | <u>Monthly Rate per Fixture</u> |
|----------------------|------------|---------------------------------|
| 100 W                | 47         | See Table AL A8                 |
| 175 W                | 75         | See Table AL A8                 |
| 250 W                | 108        | See Table AL A8                 |
| 400 W                | 165        | See Table AL A8                 |
| 1,000 W              | 384        | See Table AL A8                 |

**7. Unmetered Customer-Owned Lighting – Not available for new  
installations after July 31, 2014.**

T

| <u>Lamp<br/>Size</u> | <u>kWh</u> | <u>Monthly Rate per Fixture</u> |
|----------------------|------------|---------------------------------|
| 70 W                 | 33         | See Table AL A9                 |
| 100 W                | 47         | See Table AL A9                 |
| 250 W                | 108        | See Table AL A9                 |
| 1,000 W              | 384        | See Table AL A9                 |

Company-owned mercury vapor lights are not available for new installations and shall be replaced at no cost to the customer.

**B. Pole Charges**

For each standard distribution pole required in addition to existing poles for area lighting, the customer shall be required to pay the Company a contribution in aid of construction at the time of installation for the additional poles(s); such contribution shall be grossed up for income taxes. These payments shall not be subject to refund.

If the customer requires the Company to install luminaires at a mounting height greater than can be achieved on existing wood poles, the customer will be required to pay the Company a contribution in aid of construction to cover the cost of changing the pole to taller heights and/or rearranging the facilities; any additional maintenance costs incurred as a result of higher mounting heights shall be billed at direct cost plus applicable overhead charges.



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**RATE AL – AREA LIGHTING (continued)**

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**NET MONTHLY RATES (continued)**

For area lighting installations made prior to July 31, 2014, the applicable monthly charges identified on the following table shall apply. These charges are subject to adjustment clauses and riders specified herein.

| <u>Pole Type</u> | <u>Monthly Rate per Pole</u>       |
|------------------|------------------------------------|
| Wood Pole        | See Tables AL B1 and AL B2         |
| Non-Wood Pole    | See Tables AL B3, AL B4, and AL B5 |

**C. Circuit Charges**

When existing overhead secondary service is not available for use with the desired light(s), a charge will apply to install transformation and required circuit. The cost for any special requirements beyond an existing wood pole, one (1) span of overhead secondary wire, and the three (3) foot mast arm with light fixture, shall be paid by the customer at the time of installation and billed as a contribution in aid of construction. The contributions shall be based upon actual installation costs and grossed up for income taxes. These payments shall not be subject to refund.

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For area lighting installations made prior to July 31, 2014, the applicable monthly charges identified on the following table shall apply. These charges are subject to adjustment clauses and riders specified herein.

| <u>Pole Type</u> | <u>Monthly Rate per Pole</u> |
|------------------|------------------------------|
| Overhead Span    | See Table AL C1              |

The above circuit charges will apply in addition to the fixture costs in Section A, and pole charges in Section B, if applicable, above.



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2<sup>nd</sup> Revised Sheet No. 259  
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## **RATE AL – AREA LIGHTING (continued)**

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### **ADJUSTMENT CLAUSES AND RIDERS**

The above net monthly rates for Company-owned and customer-owned lighting are subject to:

1. ETA – Electric Tax Adjustment
2. TCA – Transmission Cost Adjustment
3. EAC – Energy Adjustment Clause
4. EECR – Energy Efficiency Cost Recovery Adjustment
5. MC – Mitigation Cost Recovery Adjustment
6. TERM – Tax Expense Revision Mechanism

N



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1<sup>st</sup> Revised Sheet No. 260  
Canceling Original Sheet No. 260

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## **RATE AL – AREA LIGHTING (continued)**

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### **MONTHLY BILLING**

Metered lighting will follow normal reading cycles and billing periods. Unmetered lighting will follow the same cycles and billing periods with this exception: unmetered lighting will be billed for monthly payments adjusted by the burn-hours factor regardless of the number of days in the billing period.

### **LATE PAYMENT CHARGE**

Bills for service shall be rendered monthly. Bills are due and payable within twenty (20) days from the date the bill is rendered to the customer. When not paid in full by the due date, a late payment charge of one and one-half percent (1.5%) of the unpaid balance is added to the next bill.

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## RATE AL – AREA LIGHTING (continued)

### AREA LIGHTING TABLES – COMPANY-OWNED

- A. Applicable monthly charges shown are by former price zone and price code and are subject to adjustment clauses and riders herein. MV applications are limited to those applications installed before January 1, 1990. HPS applications are limited to those applications installed before July 15, 2020.

N  
N  
N  
N

**Table AL A1**  
**70W Company-Owned Lighting**  
**Monthly Rate per Light**

|                      | <u>70W HPS</u> | <u>70W HPS</u> | <u>70W HPS</u> | <u>70W HPS</u> |
|----------------------|----------------|----------------|----------------|----------------|
|                      | 46-EPZ         | PLN-PRX        | PLS-PRA        | PLS-PXA        |
| To December 31, 2014 | 3.08           | 3.08           | 3.08           | 11.27          |
| To December 31, 2015 | 3.49           | 3.49           | 3.49           | 11.03          |
| To December 31, 2016 | 3.89           | 3.89           | 3.89           | 10.79          |
| To December 31, 2017 | 4.20           | 4.20           | 4.20           | 10.11          |
| To December 31, 2018 | 4.51           | 4.51           | 4.51           | 9.43           |
| To December 31, 2019 | 4.82           | 4.82           | 4.82           | 8.76           |
| To December 31, 2020 | 5.13           | 5.13           | 5.13           | 8.08           |
| To December 31, 2021 | 5.44           | 5.44           | 5.44           | 7.41           |
| To December 31, 2022 | 5.75           | 5.75           | 5.75           | 6.73           |
| To December 31, 2023 | 6.06           | 6.06           | 6.06           | 6.06           |

**Table AL A2**  
**100W Company-Owned Lighting**  
**Monthly Rate per Light**

|                      | <u>100W HPS</u> | <u>100W MV</u> | <u>100W HPS</u> | <u>100W HPS</u> |
|----------------------|-----------------|----------------|-----------------|-----------------|
|                      | 46-EPK          | 46-EPA         | PLN-PR2         | PLS-PCB         |
| To December 31, 2014 | 7.99            | 6.56           | 5.93            | 9.60            |
| To December 31, 2015 | 8.09            | 6.77           | 6.19            | 9.58            |
| To December 31, 2016 | 8.18            | 6.99           | 6.45            | 9.55            |
| To December 31, 2017 | 7.99            | 6.96           | 6.51            | 9.16            |
| To December 31, 2018 | 7.80            | 6.94           | 6.56            | 8.77            |
| To December 31, 2019 | 7.60            | 6.92           | 6.61            | 8.38            |
| To December 31, 2020 | 7.41            | 6.89           | 6.67            | 7.99            |
| To December 31, 2021 | 7.21            | 6.87           | 6.72            | 7.60            |
| To December 31, 2022 | 7.02            | 6.85           | 6.77            | 7.21            |
| To December 31, 2023 | 6.83            | 6.83           | 6.83            | 6.83            |





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3<sup>rd</sup> Substitute Original Sheet No. 262  
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**RATE AL – AREA LIGHTING (continued)**

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**AREA LIGHTING TABLES – COMPANY-OWNED (continued)**

**Table AL A3**  
**150W Company-Owned Lighting**  
**Monthly Rate per Light**

|                      | <u>150W HPS</u> | <u>150W HPS</u> | <u>150W HPS</u> |       |
|----------------------|-----------------|-----------------|-----------------|-------|
|                      | 46-EPL          | PLN-PM3         | PLS-PCC         |       |
| To December 31, 2014 | 8.77            | 8.77            | 11.77           | R/R/R |
| To December 31, 2015 | 8.93            | 8.93            | 11.70           |       |
| To December 31, 2016 | 9.10            | 9.10            | 11.63           |       |
| To December 31, 2017 | 8.95            | 8.95            | 11.11           |       |
| To December 31, 2018 | 8.80            | 8.80            | 10.60           |       |
| To December 31, 2019 | 8.65            | 8.65            | 10.09           |       |
| To December 31, 2020 | 8.50            | 8.50            | 9.58            |       |
| To December 31, 2021 | 8.35            | 8.35            | 9.07            |       |
| To December 31, 2022 | 8.20            | 8.20            | 8.56            |       |
| To December 31, 2023 | 8.05            | 8.05            | 8.05            | R/R/R |

**Table AL A4**  
**175W Company-Owned Lighting**  
**Monthly Rate per Light**

|                      | <u>175W MV</u> | <u>175W MV</u> |     |
|----------------------|----------------|----------------|-----|
|                      | 46-EPB         | PLN-XR4        |     |
| To December 31, 2014 | 7.81           | 5.65           | R/R |
| To December 31, 2015 | 8.11           | 6.12           |     |
| To December 31, 2016 | 8.41           | 6.59           |     |
| To December 31, 2017 | 8.44           | 6.88           |     |
| To December 31, 2018 | 8.46           | 7.16           |     |
| To December 31, 2019 | 8.49           | 7.45           |     |
| To December 31, 2020 | 8.51           | 7.73           |     |
| To December 31, 2021 | 8.54           | 8.02           |     |
| To December 31, 2022 | 8.56           | 8.30           |     |
| To December 31, 2023 | 8.59           | 8.59           | R/R |



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## RATE AL – AREA LIGHTING (continued)

### AREA LIGHTING TABLES – COMPANY-OWNED (continued)

**Table AL A5**  
**250W Company-Owned Lighting**  
**Monthly Rate per Light**

|                      | <u>250W HPS</u> | <u>250W MV</u> | <u>250W HPS</u> | <u>250W HPS</u> |         |
|----------------------|-----------------|----------------|-----------------|-----------------|---------|
|                      | 46-EPM          | 46-EPC         | PLN-PR6         | PLS-PCD         |         |
| To December 31, 2014 | 10.29           | 9.02           | 12.33           | 17.34           | R/R/R/R |
| To December 31, 2015 | 10.63           | 9.46           | 12.51           | 17.12           |         |
| To December 31, 2016 | 10.97           | 9.90           | 12.69           | 16.91           |         |
| To December 31, 2017 | 10.95           | 10.03          | 12.42           | 16.03           |         |
| To December 31, 2018 | 10.93           | 10.16          | 12.15           | 15.16           |         |
| To December 31, 2019 | 10.90           | 10.29          | 11.88           | 14.29           |         |
| To December 31, 2020 | 10.88           | 10.42          | 11.62           | 13.42           |         |
| To December 31, 2021 | 10.86           | 10.55          | 11.35           | 12.55           |         |
| To December 31, 2022 | 10.84           | 10.68          | 11.08           | 11.68           |         |
| To December 31, 2023 | 10.81           | 10.81          | 10.81           | 10.81           | R/R/R/R |

**Table AL A6**  
**400W Company-Owned Lighting**  
**Monthly Rate per Light**

|                      | <u>400W MV</u> | <u>400W MV</u> | <u>400W HPS</u> | <u>400W HPS</u> | <u>400W HPS</u> |         |
|----------------------|----------------|----------------|-----------------|-----------------|-----------------|---------|
|                      | 46-EPD         | PLN-XR7        | 46-EPN          | PLN-PR7         | PLS-FXG         |         |
| To December 31, 2014 | 11.43          | 12.97          | 16.59           | 15.65           | 19.87           | R/R/R/R |
| To December 31, 2015 | 12.02          | 13.44          | 16.77           | 15.91           | 19.80           |         |
| To December 31, 2016 | 12.62          | 13.92          | 16.96           | 16.17           | 19.72           |         |
| To December 31, 2017 | 12.83          | 13.94          | 16.55           | 15.87           | 18.91           |         |
| To December 31, 2018 | 13.03          | 13.96          | 16.13           | 15.57           | 18.10           |         |
| To December 31, 2019 | 13.24          | 13.98          | 15.72           | 15.26           | 17.29           |         |
| To December 31, 2020 | 13.44          | 14.00          | 15.30           | 14.96           | 16.48           |         |
| To December 31, 2021 | 13.64          | 14.02          | 14.88           | 14.66           | 15.67           |         |
| To December 31, 2022 | 13.85          | 14.03          | 14.47           | 14.36           | 14.86           |         |
| To December 31, 2023 | 14.05          | 14.05          | 14.05           | 14.05           | 14.05           | R/R/R/R |



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Canceling Substitute Original Sheet No. 264

## RATE AL – AREA LIGHTING (continued)

### AREA LIGHTING TABLES – COMPANY-OWNED (continued)

**Table AL A7**  
**1,000W Company-Owned Lighting**  
**Monthly Rate per Light**

|                      | <u>1,000W</u><br><u>HPS</u> | <u>1,000W</u><br><u>HPS</u> | <u>1,000W</u><br><u>HPS</u> | <u>1,000W MV</u> | <u>1,000W MV</u> |           |
|----------------------|-----------------------------|-----------------------------|-----------------------------|------------------|------------------|-----------|
|                      | 46-EPO                      | PLN-SR8                     | PLS-FXI                     | 46-EPE           | PLN-XR9          |           |
| To December 31, 2014 | 35.81                       | 35.84                       | 32.44                       | 22.28            | 19.41            | R/R/R/R/R |
| To December 31, 2015 | 35.79                       | 35.82                       | 32.69                       | 23.33            | 20.69            |           |
| To December 31, 2016 | 35.77                       | 35.80                       | 32.93                       | 24.39            | 21.98            |           |
| To December 31, 2017 | 34.44                       | 34.46                       | 32.00                       | 24.68            | 22.61            |           |
| To December 31, 2018 | 33.10                       | 33.12                       | 31.08                       | 24.97            | 23.25            |           |
| To December 31, 2019 | 31.77                       | 31.78                       | 30.15                       | 25.26            | 23.89            |           |
| To December 31, 2020 | 30.44                       | 30.45                       | 29.22                       | 25.56            | 24.52            |           |
| To December 31, 2021 | 29.10                       | 29.11                       | 28.29                       | 25.85            | 25.16            |           |
| To December 31, 2022 | 27.77                       | 27.77                       | 27.36                       | 26.14            | 25.80            |           |
| To December 31, 2023 | 26.43                       | 26.43                       | 26.43                       | 26.43            | 26.43            | R/R/R/R/R |

**Table AL A8**  
**Company-Owned Lighting – No Energy**  
**Monthly Rate per Light**

|                      | <u>100W</u><br><u>HPS</u> | <u>175W</u><br><u>MV</u> | <u>250W</u><br><u>HPS</u> | <u>400W</u><br><u>HPS</u> | <u>400W</u><br><u>MV</u> | <u>1,000W</u><br><u>HPS</u> | <u>1,000W</u><br><u>MV</u> |                   |
|----------------------|---------------------------|--------------------------|---------------------------|---------------------------|--------------------------|-----------------------------|----------------------------|-------------------|
|                      | PLN-<br>PM2               | PLN-<br>XM4              | PLN-<br>PM6               | PLN-<br>SM7               | PLN-<br>VM7              | PLN-<br>SM8                 | PLN-<br>VM9                |                   |
| To December 31, 2014 | 2.83                      | 1.25                     | 6.71                      | 9.02                      | 5.60                     | 18.64                       | 3.68                       | R / R/R/R/R/R     |
| To December 31, 2015 | 3.08                      | 1.66                     | 6.74                      | 8.90                      | 5.75                     | 17.87                       | 4.09                       | R / R/R/R/R/R     |
| To December 31, 2016 | 3.33                      | 2.06                     | 6.77                      | 8.78                      | 5.91                     | 17.09                       | 4.51                       | R/R/R/R/R/R       |
| To December 31, 2017 | 3.49                      | 2.44                     | 6.55                      | 8.32                      | 5.85                     | 15.58                       | 4.80                       | /R/R/R/R/R/R      |
| To December 31, 2018 | 3.64                      | 2.82                     | 6.33                      | 7.85                      | 5.80                     | 14.08                       | 5.08                       | / /R/R/R/R/R      |
| To December 31, 2019 | 3.79                      | 3.20                     | 6.11                      | 7.39                      | 5.74                     | 12.57                       | 5.37                       | R / R/R/R/R/R     |
| To December 31, 2020 | 3.94                      | 3.57                     | 5.89                      | 6.92                      | 5.69                     | 11.06                       | 5.66                       | R/R/R/R/R/R/<br>R |
| To December 31, 2021 | 4.09                      | 3.95                     | 5.67                      | 6.46                      | 5.64                     | 9.55                        | 5.95                       | R/R/R/R/R/R/<br>R |
| To December 31, 2022 | 4.24                      | 4.33                     | 5.45                      | 5.99                      | 5.58                     | 8.04                        | 6.24                       | R / R/R/R/R/R     |
| To December 31, 2023 | 4.40                      | 4.71                     | 5.23                      | 5.53                      | 5.53                     | 6.53                        | 6.53                       | / / / / R/R       |



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2<sup>nd</sup> Substitute Original Sheet No. 265  
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**RATE AL – AREA LIGHTING (continued)**

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**AREA LIGHTING TABLES – COMPANY-OWNED (continued)**

**Table AL A9**  
**Customer-Owned Lighting – Energy Only**  
**Monthly Rate per Light**

|                      | <u>70W HPS</u> | <u>100W HPS</u> | <u>250W HPS</u> | <u>1,000W HPS</u> |         |
|----------------------|----------------|-----------------|-----------------|-------------------|---------|
|                      | SLS-PEA        | SLS-PEB         | SLS-PED         | SLS-PEF           |         |
| To December 31, 2014 | 1.48           | 2.10            | 4.84            | 17.19             | R/R/R/R |
| To December 31, 2015 | 1.54           | 2.19            | 5.05            | 17.95             |         |
| To December 31, 2016 | 1.61           | 2.29            | 5.26            | 18.70             |         |
| To December 31, 2017 | 1.62           | 2.31            | 5.31            | 18.87             |         |
| To December 31, 2018 | 1.63           | 2.33            | 5.35            | 19.04             |         |
| To December 31, 2019 | 1.65           | 2.35            | 5.40            | 19.21             |         |
| To December 31, 2020 | 1.66           | 2.37            | 5.45            | 19.39             |         |
| To December 31, 2021 | 1.68           | 2.39            | 5.49            | 19.56             |         |
| To December 31, 2022 | 1.69           | 2.41            | 5.54            | 19.73             |         |
| To December 31, 2023 | 1.71           | 2.43            | 5.59            | 19.90             | R/R/R/R |



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**RATE AL – AREA LIGHTING (continued)**

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**AREA LIGHTING TABLES – COMPANY-OWNED (continued)**

B. Pole Charges. Applicable monthly charges shown below in Tables AL B1, AL B2, AL B3, AL B4 and AL B5, for installations made prior to July 31, 2014, are by former price zone and price code and are subject to adjustment clauses and riders herein.

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**Table AL B1**  
**Wood Pole Charges without Former Component Codes**  
**Monthly Rate per Pole**

|                      | 46-EAP | PLN-NOP | PLN-NUP |
|----------------------|--------|---------|---------|
| To December 31, 2014 | 3.64   | 2.51    | 4.33    |
| To December 31, 2015 | 3.79   | 2.75    | 4.88    |
| To December 31, 2016 | 3.94   | 2.99    | 5.43    |
| To December 31, 2017 | 3.96   | 3.14    | 5.84    |
| To December 31, 2018 | 3.97   | 3.30    | 6.26    |
| To December 31, 2019 | 3.99   | 3.45    | 6.67    |
| To December 31, 2020 | 4.01   | 3.60    | 7.08    |
| To December 31, 2021 | 4.03   | 3.75    | 7.49    |
| To December 31, 2022 | 4.04   | 3.91    | 7.90    |
| To December 31, 2023 | 4.06   | 4.06    | 8.31    |

**Table AL B2**  
**Company-Owned Lighting on Wood Poles**  
**Monthly Rate per Light**

|                      | <u>70W HPS</u> | <u>400W HPS</u> | <u>1,000W HPS</u> |
|----------------------|----------------|-----------------|-------------------|
|                      | PLS-P2A        | PLS-F2G         | PLS-F2I           |
| To December 31, 2014 | 20.41          | 28.75           | 41.17             |
| To December 31, 2015 | 19.88          | 28.41           | 41.16             |
| To December 31, 2016 | 19.34          | 28.07           | 41.15             |
| To December 31, 2017 | 18.03          | 26.65           | 39.63             |
| To December 31, 2018 | 16.71          | 25.22           | 38.11             |
| To December 31, 2019 | 15.39          | 23.80           | 36.58             |
| To December 31, 2020 | 14.07          | 22.38           | 35.06             |
| To December 31, 2021 | 12.75          | 20.96           | 33.54             |
| To December 31, 2022 | 11.43          | 19.54           | 32.02             |
| To December 31, 2023 | 10.12          | 18.11           | 30.49             |



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## RATE AL – AREA LIGHTING (continued)

### AREA LIGHTING TABLES – COMPANY-OWNED (continued)

**Table AL B3**  
**Company-Owned Lighting on Non-Wood Poles**  
**Monthly Rate per Light**

|                      | <u>100W HPS</u> | <u>175W MV</u> | <u>250W HPS</u> |       |
|----------------------|-----------------|----------------|-----------------|-------|
|                      | PLN-PU2         | PLN-XU4        | PLN-SU6         |       |
| To December 31, 2014 | 13.91           | 11.09          | 21.40           | R/R/R |
| To December 31, 2015 | 15.86           | 13.46          | 23.19           |       |
| To December 31, 2016 | 17.82           | 15.83          | 24.98           |       |
| To December 31, 2017 | 19.33           | 17.87          | 26.04           |       |
| To December 31, 2018 | 20.84           | 19.92          | 27.09           |       |
| To December 31, 2019 | 22.35           | 21.97          | 28.15           |       |
| To December 31, 2020 | 23.86           | 24.02          | 29.21           |       |
| To December 31, 2021 | 25.38           | 26.06          | 30.27           |       |
| To December 31, 2022 | 26.89           | 28.11          | 31.33           |       |
| To December 31, 2023 | 28.40           | 30.16          | 32.38           | R/R/R |

**Table AL B4**  
**Company-Owned Lighting on Non-Wood Poles**  
**Monthly Rate per Light**

|                      | <u>400W MV</u> | <u>400W HPS</u> | <u>1,000W HPS</u> | <u>1,000W MV</u> |         |
|----------------------|----------------|-----------------|-------------------|------------------|---------|
|                      | PLN-VU7        | PLN-SU7         | PLN-SU8           | PLN-VU9          |         |
| To December 31, 2014 | 23.65          | 29.35           | 49.26             | 32.60            | R/R/R/R |
| To December 31, 2015 | 25.61          | 30.85           | 50.50             | 35.16            |         |
| To December 31, 2016 | 27.56          | 32.36           | 51.74             | 37.72            |         |
| To December 31, 2017 | 28.71          | 32.82           | 51.21             | 39.19            |         |
| To December 31, 2018 | 29.87          | 33.29           | 50.68             | 40.66            |         |
| To December 31, 2019 | 31.02          | 33.76           | 50.14             | 42.13            |         |
| To December 31, 2020 | 32.17          | 34.22           | 49.61             | 43.60            |         |
| To December 31, 2021 | 33.32          | 34.69           | 49.07             | 45.07            |         |
| To December 31, 2022 | 34.47          | 35.16           | 48.54             | 46.54            |         |
| To December 31, 2023 | 35.62          | 35.62           | 48.01             | 48.01            | R/R/R/R |



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Substitute Original Sheet No. 268  
Canceling Original Sheet No. 268

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**RATE AL – AREA LIGHTING (continued)**

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**AREA LIGHTING TABLES – COMPANY-OWNED (continued)**

**Table AL B5**  
**Company-Owned Lighting on Non-Wood Poles – No Energy**  
**Monthly Rate per Light**

|                      | <u>100W HPS</u> | <u>175W MV</u> | <u>250W HPS</u> | <u>400W HPS</u> |         |
|----------------------|-----------------|----------------|-----------------|-----------------|---------|
|                      | PLN-PO2         | PLN-XO4        | PLN-SO6         | PLN-SO7         |         |
| To December 31, 2014 | 11.96           | 7.74           | 16.90           | 22.44           | R/R/R/R |
| To December 31, 2015 | 13.81           | 9.96           | 18.45           | 23.59           |         |
| To December 31, 2016 | 15.66           | 12.19          | 20.00           | 24.73           |         |
| To December 31, 2017 | 17.13           | 14.20          | 20.97           | 25.07           |         |
| To December 31, 2018 | 18.61           | 16.21          | 21.94           | 25.41           |         |
| To December 31, 2019 | 20.08           | 18.22          | 22.91           | 25.75           |         |
| To December 31, 2020 | 21.55           | 20.24          | 23.88           | 26.08           |         |
| To December 31, 2021 | 23.02           | 22.25          | 24.85           | 26.42           |         |
| To December 31, 2022 | 24.50           | 24.26          | 25.83           | 26.76           |         |
| To December 31, 2023 | 25.97           | 26.28          | 26.80           | 27.10           | R/R/R/R |



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1<sup>st</sup> Revised Sheet No. 269  
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**RATE AL – AREA LIGHTING (continued)**

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**AREA LIGHTING TABLES – COMPANY-OWNED (continued)**

C. Circuit Charges. Applicable monthly charges shown, for installations made prior to July 31, 2014, are by former price zone and price code and are subject to adjustment clauses and riders herein. N  
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**Table AL C1**

**Spans**

**Monthly Rate per Span**

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|                      | <u>OH Span</u> |
|----------------------|----------------|
|                      | 46-EAS         |
| To December 31, 2014 | 1.33           |
| To December 31, 2015 | 1.64           |
| To December 31, 2016 | 1.96           |
| To December 31, 2017 | 2.23           |
| To December 31, 2018 | 2.51           |
| To December 31, 2019 | 2.78           |
| To December 31, 2020 | 3.06           |
| To December 31, 2021 | 3.33           |
| To December 31, 2022 | 3.61           |
| To December 31, 2023 | 3.89           |





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RESERVED FOR FUTURE USE



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## **RATE RST – RESIDENTIAL TIME-OF-USE SERVICE**

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### **AVAILABLE**

Service under this rate is available to any Residential Iowa Customer for use in a single-family dwelling unit with an annual billed energy usage of 50,000 kWh or less. This service is not available for resale, standby or supplemental service.

### **APPLICATION**

Service under this rate schedule will be furnished only to a single occupancy dwelling. In the case of multifamily dwellings with two (2) or more living units, where service to each individual unit is metered separately, electricity used for hallway lighting and other incidental uses in connection with the operation of such buildings may be served under this rate and may be connected to one (1) of the apartment meters.

Where a portion of a dwelling is used regularly for business or professional purposes, the premises will be classified as non-residential and the appropriate price schedule applied. However, if the service for residential purposes can be metered separately through appropriate wiring, the residential classification will be applied to such service.

Service in this classification is not available for fraternity houses, multiple dwellings with two or more distinct living quarters, or rooming houses with more than four rooms occupied by persons not members of the customer's immediate family.

Service in the classification is not available to unattached structures or other separately-served facilities on residential premises and shall be served under a qualifying non-residential rate.

### **CHARACTER OF SERVICE**

Alternating current, 60 Hz, single-phase, at secondary voltages offered by the Company, and as further described in the Company's terms and conditions.



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3<sup>rd</sup> Substitute Original Sheet No. 292  
Canceling 2<sup>nd</sup> Substitute Original Sheet No. 292

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**RATE RST – RESIDENTIAL TIME-OF-USE SERVICE (continued)**

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**NET MONTHLY RATE PER METER**

Basic Service Charge: \$ 8.50

| <u>Energy Charge:</u> | <u>Summer</u> | <u>Winter</u> |     |
|-----------------------|---------------|---------------|-----|
| On-Peak               | \$ 0.20925    | \$ 0.07809    | I/R |
| All Other             | \$ 0.09029    | \$ 0.07809    | R/R |
| Off-Peak              | \$ 0.06553    | \$ 0.06656    | I/R |

Summer: Applicable during the four monthly billing periods of June through September.

Winter: Applicable during the eight monthly billing periods of October through May.

On-Peak Hours: Hours between 1:00 p.m. and 6:00 p.m. Monday through Friday.

Off-Peak Hours: Hours between 10:00 p.m. and 8:00 a.m. every day.

All Other Hours: All hours not included in the definition of On-Peak or Off-Peak Hours.

On-Peak hours exclude the United States legal holidays of New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.



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2<sup>nd</sup> Revised Sheet No. 293  
Canceling 1<sup>st</sup> Revised Sheet No. 293

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## **RATE RST – RESIDENTIAL TIME-OF-USE SERVICE (continued)**

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### **ADJUSTMENT CLAUSES AND RIDERS**

The above rates are subject to:

1. ETA – Electric Tax Adjustment
2. TCA – Transmission Cost Adjustment
3. EAC – Energy Adjustment Clause
4. EECR – Energy Efficiency Cost Recovery Adjustment
5. E – Equalization Adjustment Clause
6. PI – Phase-In Adjustment Clause
7. TERM – Tax Expense Revision Mechanism

N

### **MINIMUM CHARGE**

The minimum charge shall be the total of the Basic Service Charge.

### **LATE PAYMENT CHARGE**

A late payment charge of one and one-half percent (1.5%) per month shall be added to the past due amount if the bill is not paid by the due date.

### **GENERAL**

Service hereunder is subject to the Electric Service Policies of the Company and any applicable adjustment clauses and riders included in this electric tariff schedule.



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Filed with the Iowa Utilities Board

3<sup>rd</sup> Substitute Original Sheet No. 294  
Canceling 2<sup>nd</sup> Substitute Original Sheet No. 294

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## **RATE GET – GENERAL ENERGY TIME-OF-USE SERVICE**

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### **AVAILABLE**

Service under this rate is available to any Residential Iowa Customer with annual usage greater than 50,000 kWh and any Non-Residential Iowa Customer. This service is not available for resale, standby or supplemental service.

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### **APPLICATION**

Applicable for firm use of the Company's electric service furnished to a single Premises through one (1) meter.

### **CHARACTER OF SERVICE**

Alternating current, 60 Hz, single- or three-phase, at secondary voltages offered by the Company, and as further described in the Company's terms and conditions.

### **NET MONTHLY RATE PER METER**

Basic Service Charge: \$10.00

| <u>Energy Charge:</u> | <u>Summer</u> | <u>Winter</u> |     |
|-----------------------|---------------|---------------|-----|
| On-Peak               | \$ 0.18369    | \$ 0.06766    | I/R |
| All Other             | \$ 0.08168    | \$ 0.06766    | I/R |
| Off-Peak              | \$ 0.05713    | \$ 0.05817    | I/I |

|  |            |            |     |
|--|------------|------------|-----|
| <u>Surcharge in Addition to Above Charges:</u> |            |            |     |
| All kWh over 40,000                            | \$ 0.01790 | \$ 0.02834 | I/I |

Summer: Applicable during the four monthly billing periods of June through September.

Winter: Applicable during the eight monthly billing periods of October through May.



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2<sup>nd</sup> Revised Sheet No. 295  
Canceling 1<sup>st</sup> Revised Sheet No. 295

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## **RATE GET – GENERAL ENERGY TIME-OF-USE SERVICE (continued)**

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On-Peak Hours: Hours between 1:00 p.m. and 6:00 p.m. Monday through Friday.

Off-Peak Hours: Hours between 10:00 p.m. and 8:00 a.m. every day.

All Other Hours: All hours not included in the definition of On-Peak or Off-Peak Hours.

On-Peak hours exclude the United States legal holidays of New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

## **ADJUSTMENT CLAUSES AND RIDERS**

The above rates are subject to:

1. ETA – Electric Tax Adjustment
2. TCA – Transmission Cost Adjustment
3. EAC – Energy Adjustment Clause
4. EECR – Energy Efficiency Cost Recovery Adjustment
5. E – Equalization Adjustment Clause
6. PI – Phase-In Adjustment Clause
7. MC – Mitigation Cost Recovery Adjustment
8. TERM – Tax Expense Revision Mechanism

N

## **MINIMUM CHARGE**

The minimum charge shall be the total of the Basic Service Charge.



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**RATE GET – GENERAL ENERGY TIME-OF-USE SERVICE (continued)**

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**LATE PAYMENT CHARGE**

A late payment charge of one and one-half percent (1.5%) per month shall be added to the past due amount if the bill is not paid by the due date.

**ADJUSTMENT FOR PRIMARY METERING**

The Company may, at its sole option, install the metering equipment on the high-voltage side of the service transformers. In that event, the customer's metered energy shall be decreased by one and two-tenths percent (1.2%) and such decreased quantity shall be the basis of billing the charges hereunder.

**GENERAL**

Service hereunder is subject to the Electric Service Policies of the Company and any applicable adjustment clauses and riders included in this electric tariff schedule.



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Filed with the Iowa Utilities Board

3<sup>rd</sup> Substitute Original Sheet No. 297  
Canceling 2<sup>nd</sup> Substitute Original Sheet No. 297

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## **RATE GDT – GENERAL DEMAND TIME-OF-USE SERVICE**

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### **AVAILABLE**

Service under this rate is available to any Non-Residential Iowa Customer. This service is not available for resale, standby or supplemental service.

### **APPLICATION**

Applicable for firm use of the Company's electric service furnished to a single Premises through one (1) meter.

### **CHARACTER OF SERVICE**

Alternating current, 60 Hz, single- or three-phase, at secondary voltages offered by the Company, and as further described in the Company's terms and conditions.

### **NET MONTHLY RATE PER METER**

|                                      |                |               |     |
|--------------------------------------|----------------|---------------|-----|
| <u>Basic Service Charge:</u>         | \$ 20.00       |               |     |
| <u>Energy Charge:</u>                | <u>Summer</u>  | <u>Winter</u> |     |
| On-Peak                              | \$ 0.15015     | \$ 0.03834    | I/R |
| All Other                            | \$ 0.05550     | \$ 0.03834    | R/R |
| Off-Peak                             | \$ 0.03430     | \$ 0.03497    | I/R |
| <u>Demand Charge:</u>                | <u>Summer</u>  | <u>Winter</u> |     |
| Per kW                               | \$ 7.07        | \$ 6.77       | I/I |
| <u>Transformer Ownership Credit:</u> | \$ 0.30 per kW |               |     |

Summer: Applicable during the four monthly billing periods of June through September.

Winter: Applicable during the eight monthly billing periods of October through May.





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2<sup>nd</sup> Revised Sheet No. 298  
Canceling 1<sup>st</sup> Revised Sheet No. 298

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### **RATE GDT – GENERAL DEMAND TIME-OF-USE SERVICE (continued)**

---

On-Peak Hours: Hours between 1:00 p.m. and 6:00 p.m. Monday through Friday.

Off-Peak Hours: Hours between 10:00 p.m. and 8:00 a.m. every day.

All Other Hours: All hours not included in the definition of On-Peak or Off-Peak Hours.

On-Peak hours exclude the United States legal holidays of New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

### **ADJUSTMENT CLAUSES AND RIDERS**

The above rates are subject to:

1. ETA – Electric Tax Adjustment
2. TCA – Transmission Cost Adjustment
3. EAC – Energy Adjustment Clause
4. EECR – Energy Efficiency Cost Recovery Adjustment
5. E – Equalization Adjustment Clause
6. PI – Phase-In Adjustment Clause
7. MC – Mitigation Cost Recovery Adjustment
8. TERM – Tax Expense Revision Mechanism

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### **BILLING DEMAND**

The billing demand for any month as shown by or computed from the readings of the Company's demand meter for the 15-minute period of the customer's greatest use during the month, determined to the nearest kW, but not less than 10 kW.



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## **RATE GDT – GENERAL DEMAND TIME-OF-USE SERVICE (continued)**

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### **MINIMUM CHARGE**

The minimum charge shall be the total of the Basic Service Charge and billing demand charges for the Billing Demand for that month.

### **LATE PAYMENT CHARGE**

A late payment charge of one and one-half percent (1.5%) per month shall be added to the past due amount if the bill is not paid by the due date.

### **TRANSFORMER OWNERSHIP CREDIT**

Should the customer elect to furnish transformers that would normally be furnished by the Company, the customer will receive a credit, listed above, per kW of billing demand.

### **ADJUSTMENT FOR PRIMARY METERING**

The Company may, at its sole option, install the metering equipment on the high-voltage side of the service transformers. In that event, the customer's metered demand and energy shall be decreased by one and two-tenths percent (1.2%) and such decreased quantities shall be the basis of billing the charges hereunder.

### **GENERAL**

Service hereunder is subject to the Electric Service Policies of the Company and applicable Riders included in this electric tariff schedule.



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3<sup>rd</sup> Substitute Original Sheet No. 300  
Canceling 2<sup>nd</sup> Substitute Original Sheet No. 300

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## **RATE LST – LARGE ELECTRIC TIME-OF-USE SERVICE**

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### **AVAILABLE**

Service under this rate is available to any Non-Residential Iowa Customer. This service is available to standby or supplementary service, under written agreement only, in conjunction with applicable Company riders for such service.

### **APPLICATION**

Applicable for firm use of the Company's electric service furnished to a single Premises through one (1) meter.

### **CHARACTER OF SERVICE**

Alternating current, 60 Hz, single-or three-phase, at secondary voltages offered by the Company, and as further described in the Company's terms and conditions.

### **NET MONTHLY RATE PER METER**

|                                      |                  |               |
|--------------------------------------|------------------|---------------|
| <u>Basic Service Charge:</u>         | \$ 175.00        |               |
| <u>Energy Charge:</u>                | <u>Summer</u>    | <u>Winter</u> |
| On-Peak                              | \$ 0.15640       | \$ 0.03675    |
| All Other                            | \$ 0.05448       | \$ 0.03675    |
| Off-Peak                             | \$ 0.03297       | \$ 0.03341    |
| <u>Demand Charge:</u>                | <u>Summer</u>    | <u>Winter</u> |
| Per kW                               | \$ 4.81          | \$ 4.56       |
| <u>Reactive Demand Charge:</u>       | \$ 0.50 per kVar |               |
| <u>Transformer Ownership Credit:</u> | \$ 0.30 per kW   |               |

Summer: Applicable during the four monthly billing periods of June through September.

Winter: Applicable during the eight monthly billing periods of October through May.



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2<sup>nd</sup> Revised Sheet No. 301  
Canceling 1<sup>st</sup> Revised Sheet No. 301

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## **RATE LST – LARGE ELECTRIC TIME-OF-USE SERVICE (continued)**

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On-Peak Hours: Hours between 1:00 p.m. and 6:00 p.m. Monday through Friday.

Off-Peak Hours: Hours between 10:00 p.m. and 8:00 a.m. every day.

All Other Hours: All hours not included in the definition of On-Peak or Off-Peak Hours.

On-Peak hours exclude the United States legal holidays of New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

### **ADJUSTMENT CLAUSES AND RIDERS**

The above rates are subject to:

1. ETA – Electric Tax Adjustment
2. TCA – Transmission Cost Adjustment
3. EAC – Energy Adjustment Clause
4. EECR – Energy Efficiency Cost Recovery Adjustment
5. E – Equalization Adjustment Clause
6. PI – Phase-In Adjustment Clause
7. MC – Mitigation Cost Recovery Adjustment
8. TERM – Tax Expense Revision Mechanism

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### **BILLING DEMAND**

The billing demand for any month as shown by or computed from the readings of the Company's demand meter for the 15-minute period of the customer's greatest use during the month, determined to the nearest kW, but not less than 200 kW.



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**RATE LST – LARGE ELECTRIC TIME-OF-USE SERVICE  
(continued)**

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**REACTIVE DEMAND CHARGE**

A reactive demand charge shall be made for each kVar by which the customer's maximum reactive demand in kVar is greater than 50 percent of the customer's maximum kW demand in the same month.

**MINIMUM CHARGE**

The minimum charge shall be the total of the Basic Service Charge and billing demand charges for the Billing Demand for that month.

**LATE PAYMENT CHARGE**

A late payment charge of one and one-half percent (1.5%) per month shall be added to the past due amount if the bill is not paid by the due date.

**TRANSFORMER OWNERSHIP CREDIT**

Should the customer elect to furnish transformers that would normally be furnished by the Company, the customer will receive a credit, listed above, per kW of billing demand.

**ADJUSTMENT FOR PRIMARY METERING**

The Company may, at its sole option, install the metering equipment on the high-voltage side of the service transformers. In that event, the customer's metered demand and energy shall be decreased by one and two-tenths percent (1.2%) and such decreased quantities shall be the basis of billing the charges hereunder.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Original Sheet No. 303

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**RATE LST – LARGE ELECTRIC TIME-OF-USE SERVICE  
(continued)**

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**GENERAL**

Service hereunder is subject to the Electric Service Policies of the Company and applicable Riders included in this electric tariff schedule.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet No. 304  
Canceling Original Sheet No. 304

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## **RATE SST – SUBSTATION TIME-OF-USE SERVICE**

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### **AVAILABLE**

Service under this rate is available to any Non-Residential Iowa customer as follows:

- For demands up to 15,000 kW when served directly from a Company-owned substation that is on or directly adjacent to the customer's Premises and operates at a primary voltage of 69 kV or greater.
- For demands up to 3,000 kW when served directly from a customer-owned substation that is on or directly adjacent to the customer's Premises and operates at a primary voltage of 69 kV or greater.

This service is available to standby or supplementary service, under written agreement only, in conjunction with applicable Company riders for such service.

### **APPLICATION**

Applicable for firm use of the Company's electric service furnished to a single Premises through one (1) meter.

### **CHARACTER OF SERVICE**

Alternating current, 60 Hz, three-phase, at substation voltages. The Company, in its sole discretion, shall determine whether the Customer's Premises should be served from a substation.

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

3<sup>rd</sup> Substitute Original Sheet No. 305  
Canceling 2<sup>nd</sup> Substitute Original Sheet No. 305

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## RATE SST – SUBSTATION TIME-OF-USE SERVICE

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### NET MONTHLY RATE PER METER

|                                |                  |               |     |
|--------------------------------|------------------|---------------|-----|
| <u>Basic Service Charge:</u>   | \$ 175.00        |               |     |
| <u>Energy Charge:</u>          | <u>Summer</u>    | <u>Winter</u> |     |
| On-Peak                        | \$ 0.15328       | \$ 0.03606    | I/R |
| All Other                      | \$ 0.05343       | \$ 0.03606    | R/R |
| Off-Peak                       | \$ 0.03235       | \$ 0.03279    | I/R |
| <u>Demand Charge:</u>          | <u>Summer</u>    | <u>Winter</u> |     |
| Per kW                         | \$ 3.00          | \$ 2.75       | I/I |
| <u>Reactive Demand Charge:</u> | \$ 0.50 per kVar |               |     |





MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

2<sup>nd</sup> Revised Sheet No. 306  
Canceling 1<sup>st</sup> Revised Sheet No. 306

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### **RATE SST – SUBSTATION TIME-OF-USE SERVICE (continued)**

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Summer: Applicable during the four monthly billing periods of June through September.

Winter: Applicable during the eight monthly billing periods of October through May.

On-Peak Hours: Hours between 1:00 p.m. and 6:00 p.m. Monday through Friday.

Off-Peak Hours: Hours between 10:00 p.m. and 8:00 a.m. every day.

All Other Hours: All hours not included in the definition of On-Peak or Off-Peak Hours.

On-Peak hours exclude the United States legal holidays of New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

### **ADJUSTMENT CLAUSES AND RIDERS**

The above rates are subject to:

1. ETA – Electric Tax Adjustment
2. TCA – Transmission Cost Adjustment
3. EAC – Energy Adjustment Clause
4. EECR – Energy Efficiency Cost Recovery Adjustment
5. E – Equalization Adjustment Clause
6. PI – Phase-In Adjustment Clause
7. MC – Mitigation Cost Recovery Adjustment
8. TERM – Tax Expense Revision Mechanism

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

2<sup>nd</sup> Substitute Original Sheet No. 307  
Canceling Substitute Original Sheet No. 307

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## **RATE SST – SUBSTATION TIME-OF-USE SERVICE (continued)**

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### **BILLING DEMAND**

The billing demand for any month as shown by or computed from the readings of the Company's demand meter for the 15-minute period of the customer's greatest use during the month, determined to the nearest kW, but not less than 200 kW.

### **REACTIVE DEMAND CHARGE**

A reactive demand charge shall be made for each kVar by which the customer's maximum reactive demand in kVar is greater than 50 percent of the customer's maximum kW demand in the same month.

### **MINIMUM CHARGE**

The minimum charge shall be the total of the Basic Service Charge and billing demand charges for the Billing Demand for that month.

### **LATE PAYMENT CHARGE**

A late payment charge of one and one-half percent (1.5%) per month shall be added to the past due amount if the bill is not paid by the due date.

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Original Sheet No. 308

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**RATE SST – SUBSTATION TIME-OF-USE SERVICE (continued)**

---

**GENERAL**

Service hereunder is subject to the Electric Service Policies of the Company and applicable Riders included in this electric tariff schedule.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet No. 309  
Canceling 2<sup>nd</sup> Substitute Original Sheet No. 309

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## **RATE DAP – DAY AHEAD HOURLY PRICING**

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### **CLASS OF SERVICE**

Day ahead hourly pricing.

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### **AVAILABILITY**

Available as a pilot project only to the University of Iowa.

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### **CHARACTER**

Alternating current: 60 Hz; single- or three-phase, at primary voltages offered by the Company, as further described in the Company's Electric Service Policies.

### **BILLING FOR SERVICE**

Bills for service under this tariffed rate will be computed in two separate parts. The first part will reflect charges for the Customer's Baseline Usage; the second part will reflect charges for Deviations from Baseline Usage.

### **BASELINE USAGE**

Hourly Baseline Usage will be determined using Customer actual hourly loads for the previous twenty-four months adjusted for forecasted energy increases/decreases as determined in consultation with the Customer. Hourly Baseline Usages will be differentiated by month and by weekday or weekend/holiday day type. Initial Baseline Usages will be specified in the Customer's Electric Service Contract. Changes to Baseline Usage may be made from time to time as agreed upon by the Customer and the Company. No more than two changes per month may be made to the Baseline Usage amounts.

### **DEVIATIONS FROM BASELINE USAGE**

Deviations from Baseline Usage quantities will be computed on an hourly basis by subtracting the Customer's Baseline Usage from the Customer's metered load purchased from the Company.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Original Sheet No. 310

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## **RATE DAP – DAY AHEAD HOURLY PRICING (continued)**

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### **CHARGES**

#### **BASELINE USAGE**

Charges for service under this section of the rate will be applied to the Customer's Baseline Usage, will be specific to the Customer and will be included in the Customer's Electric Service Contract. The form of those charges will be as follows:

Basic Service Charge: a flat amount per month

Energy Charges: (Subject to adjustment clauses and riders herein.)

Summer off-peak energy charge

Winter on-peak energy charge

Winter off-peak energy charge

Summer - Applicable during the four monthly billing periods of June through September.

Winter - Applicable during the eight monthly billing periods of October through May.

On-Peak Hours-Daytime periods between 6:00 a.m. and 10:00 p.m. Monday through Friday during the month, excluding the United States legal holidays of New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Christmas Day and other holidays as specified in the Customer's Electric Service Contract.

Off-Peak Hours - All hours not included in the definition of On-Peak Hours.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

3<sup>rd</sup> Revised Sheet No. 311  
Canceling 2<sup>nd</sup> Revised Sheet No. 311

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## **RATE DAP – DAY AHEAD HOURLY PRICING (continued)**

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### **DEVIATIONS FROM BASELINE USAGE**

Energy Charges (subject to adjustment clauses and riders herein.)

Charges for service under this section of the rate will be made on a daily basis at the MISO MEC.MECB DA Load Zone (Day-Ahead) price as published by the Midcontinent Independent System Operator, Inc. (MISO).

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### **ADJUSTMENT CLAUSES AND RIDERS**

The above rates are subject to:

1. ETA – Electric Tax Adjustment
2. TCA – Transmission Cost Adjustment
3. EAC – Energy Adjustment Clause
4. EECR – Energy Efficiency Cost Recovery Adjustment
5. E – Equalization Adjustment Clause
6. PI – Phase-In Adjustment Clause
7. TERM – Tax Expense Revision Mechanism

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## **RATE DAP – DAY AHEAD HOURLY PRICING (continued)**

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### **COORDINATION WITH CURTAILMENT SERVICE**

A Customer taking service under this rate may also enroll in Rider CS - Curtailment Service if the customer meets all Rider CS - Curtailment Service requirements. Rider CS - Curtailment Service will be considered to have the higher priority of the two rate schedules. On days when the Company declares a curtailment period, customer shall remove its curtailable load from MidAmerican's system as required under the terms of Rider CS: Curtailment Service. Customer will not be compensated for Deviations from Baseline Usage under this Rate DAP tariff during any curtailment period declared by the Company. The terms of Rider CS: Curtailment Service shall govern during any curtailment period declared by Company.

### **CUSTOMER AND COMPANY REQUIREMENTS**

The Customer will provide to the Company a schedule that will include by hour: (1) Minimum Day-Ahead prices above which it will reduce its load purchased from the Company, and; (2) the amounts in MW by which it will reduce such load at each specified Day-Ahead price. Customer may change its load reduction schedule up to 90 minutes prior to the MISO's deadline for submissions on the day that schedule will be bid into the day-ahead MISO market. Under the current MISO deadline of 10:00 a.m. Central Standard Time, changes may be made until 8:30 a.m. Central Standard Time.

The Company will notify the Customer of the amount of Customer load reductions that was accepted in the day-ahead MISO market no later than one hour after the MISO issues its day-ahead market results, currently scheduled for 3:00 p.m. Central Standard Time on the day the schedule was bid into the market.

The Customer will make the accepted load reductions on an hourly basis beginning at 12 a.m. Central Standard Time on the following day. If the Customer does not make the load reductions as agreed for that hour, the MISO MEC.MECB RT Price + RT RSG charges as published by MISO for that hour may be substituted for Day-Ahead prices for billing of the difference between the actual load reductions and the accepted load reductions, as determined by the Company.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute Original Sheet No. 313  
Canceling Original Sheet No. 313

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## **RATE DAP – DAY AHEAD HOURLY PRICING (continued)**

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### **ELECTRIC SERVICE CONTRACT**

A service contract between the Customer and the Company that includes at a minimum, the term of service, the Baseline Usages and the Baseline Usage charges, is required to take service under this tariffed rate.

### **MINIMUM CHARGE**

The minimum charge shall be the total of the Basic Service Charge.

### **LATE PAYMENT CHARGE**

A late payment charge of one and one-half percent (1.5%) per month of the past due amount will be added to the amount of the bill where payment is not made within twenty days of the rendition of the bill. T

### **SERVICE FACILITIES**

Service will be furnished at the nominal voltage of 7,600/13,200 volts, three-phase, four-wire, or at such higher voltage as may be available on the Company's system at the location served. The delivery voltage will be specified in the Customer's Electric Service Agreement. The Customer shall furnish all transformers, circuit breakers, and other equipment required for taking service at the voltage specified.

### **GENERAL**

Service hereunder is subject to the Electric Service Policies of the Company and applicable Riders included in this electric tariff schedule.





MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Original Sheets No. 314 - 315

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RESERVED FOR FUTURE USE



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

2<sup>nd</sup> Revised Sheet No. 316  
Canceling 1<sup>st</sup> Revised Sheet No. 316

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RESERVED FOR FUTURE USE

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

2<sup>nd</sup> Revised Sheet No. 317  
Canceling 1<sup>st</sup> Revised Sheet No. 317

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RESERVED FOR FUTURE USE

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet No. 318  
Canceling Substitute Original Sheet No. 318

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RESERVED FOR FUTURE USE

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet No. 319  
Canceling 4<sup>th</sup> Substitute Original Sheet No. 319

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RESERVED FOR FUTURE USE

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

2<sup>nd</sup> Revised Sheet No. 320  
Canceling 1<sup>st</sup> Revised Sheet No. 320

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RESERVED FOR FUTURE USE

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet No. 321  
Canceling 2<sup>nd</sup> Substitute Original Sheet No. 321

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RESERVED FOR FUTURE USE

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet No. 322  
Canceling Original Sheet No. 322

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RESERVED FOR FUTURE USE

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet No. 323  
Canceling 4<sup>th</sup> Substitute Original Sheet No. 323

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RESERVED FOR FUTURE USE

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

2<sup>nd</sup> Revised Sheet No. 324  
Canceling 1<sup>st</sup> Revised Sheet No. 324

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RESERVED FOR FUTURE USE

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet No. 325  
Canceling 2<sup>nd</sup> Substitute Original Sheet No. 325

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RESERVED FOR FUTURE USE

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet No. 326  
Canceling Original Sheet No. 326

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RESERVED FOR FUTURE USE

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet No. 327  
Canceling 4th Substitute Original Sheet No. 327

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RESERVED FOR FUTURE USE

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

2<sup>nd</sup> Revised Sheet No. 328  
Canceling 1<sup>st</sup> Revised Sheet No. 328

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RESERVED FOR FUTURE USE

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet No. 329  
Canceling Original Sheet No. 329

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RESERVED FOR FUTURE USE

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet No. 330  
Canceling 4<sup>th</sup> Substitute Original Sheet No. 330

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RESERVED FOR FUTURE USE

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

2<sup>nd</sup> Revised Sheet No. 331  
Canceling 1<sup>st</sup> Revised Sheet No. 331

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RESERVED FOR FUTURE USE

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet No. 332  
Canceling Original Sheet No. 332

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RESERVED FOR FUTURE USE

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Original Sheets No. 333 - 342

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RESERVED FOR FUTURE USE



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute 2<sup>nd</sup> Revised Sheet No. 343  
Canceling 1<sup>st</sup> Revised Sheet No. 343

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## **RATE QF – COGENERATION AND SMALL POWER PRODUCTION FACILITIES**

---

### **AVAILABILITY**

This rate schedule is available to owners of Qualifying Facilities as defined by 18 CFR Part 292, Subpart B that are electric customers of the Company providing energy and, as applicable, capacity “as available” within the meaning of 18 CFR Part 292.304(d)(1) and meet each of the following conditions:

- Have qualifying facility status under 18 CFR 292, whether by self-certification or otherwise;
- Have entered into an electric service agreement with MidAmerican for interconnection and operation of on-site parallel distributed generation systems; and
- Have a nameplate capacity of 100 kW or less.

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### **LIMITATIONS OF THIS SERVICE**

The rates, terms and conditions for purchases by the Company from a Qualifying Facility which has a design capacity of greater than 100 kilowatts, and is located in the Company’s Iowa service area will be determined either as specified in this rate schedule or in a contested case proceeding before the Iowa Utilities Board, at the option of the Qualifying Facility, unless rates are otherwise agreed to in a written contract entered into by the Company and the Qualifying Facility.

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The Company shall offer to negotiate a legally enforceable obligation (LEO) to purchase energy and capacity from any Qualifying Facility with a capacity up to and including 100 kW. The LEO shall be for a specific term at a rate based upon avoided costs. At the option of the Qualifying Facility, the avoided costs may be determined at the time of delivery or at the time the obligation is incurred.

N  
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N  
N  
N

The Company is not required to enter into contracts with any Qualifying Facility with net capacity of greater than 20,000 kilowatts pursuant to the order of the Federal Energy Regulatory Commission in Docket No. QM-09-5-000 issued August 12, 2009.

For information on non-discriminatory access to markets, the Qualifying Facility should contact the Midcontinent Independent System Operator, Inc (MISO).

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

2<sup>nd</sup> Substitute 3<sup>rd</sup> Revised Sheet No. 344  
Canceling 2<sup>nd</sup> Revised Sheet No. 344

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**RATE QF – COGENERATION AND SMALL  
POWER PRODUCTION FACILITIES (continued)**

---

**NET MONTHLY RATE:**

The Net Monthly Purchase Rate shall be the sum of the Basic Service Charge, the applicable Energy Credit, and the applicable Capacity Credit.

Basic Service Charge:

\$8.41 per month

Energy Credit:

The Energy Credit shall be calculated using the following formula:

$$EC = \sum \left( HE \times HAC \times \frac{\$1.00}{100 \text{ ¢}} \right)$$

Where:

EC = Energy Credit in dollars rounded to the nearest cent, determined for the monthly billing period.

HE = Hourly Energy, in kWh, equal to the kWh produced by the Qualifying Facility and delivered to the Company under this rate schedule in an hourly period in the monthly billing period.

HAC = Hourly Avoided Cost, in cents per kWh, equal to the corresponding hourly real-time MISO locational marginal price (LMP) for commercial pricing node MEC.MECB, adjusted for distribution losses to reflect the level at which the Qualifying Facility connects to the Company's system.



MIDAMERICAN ENERGY COMPANY  
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Filed with the Iowa Utilities Board

2<sup>nd</sup> Substitute 3<sup>rd</sup> Revised Sheet No. 345  
Canceling 2<sup>nd</sup> Revised Sheet No. 345

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**RATE QF – COGENERATION AND SMALL  
POWER PRODUCTION FACILITIES (continued)**

---

Capacity Credit:

Applicable for generation capacity received only during the summer, and summer on-peak periods defined as:

Summer - Applicable during the four (4) monthly billing periods of June through September

Winter - Applicable during the eight (8) monthly billing periods of October through May.

On-Peak Hours: Hours between 6:00 a.m. and 10:00 p.m. Monday through Friday.

On-Peak Hours exclude the United States legal holidays of New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

Off-Peak Hours: All hours not included in the definition of On-Peak Hours.

Capacity credit will be based on the MISO Zone 3 capacity auction clearing price adjusted for transmission and distribution losses to reflect the level at which the Qualifying Facility connects to the Company's system, as follows:

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N  
N  
N  
N  
N  
N  
N  
T  
T  
T  
D



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**RATE QF – COGENERATION AND SMALL  
POWER PRODUCTION FACILITIES (continued)**

---

Capacity Credit (continued):

T/L

$$A = \frac{B}{C} \times D$$

D  
L  
L

where:

L  
L

A is the capacity credit.

L

B is the kWh delivered during the applicable summer on-peak period.

L

C is the number of hours in the applicable summer on-peak period.

L

D is the current planning year MISO Zone 3 capacity auction clearing price adjusted for transmission and distribution losses to reflect the level at which the Qualifying Facility connects to the Company's system adjusted to a monthly basis.

T/L  
T  
T  
T/L

Distribution Losses:

N

The following distribution loss factors shall be used to calculate the energy and capacity credits:

N  
N

| <u>Rate Codes</u>                             | <u>Capacity Loss Factors</u> | <u>Energy Loss Factors</u> |   |
|---|------------------------------|----------------------------|---|
| RS, RST, GE, GET, GD, GDT, MWP, TC, SL and AL | 8.36%                        | 6.19%                      | N |
| LS and LST                                    | 6.15%                        | 4.33%                      | N |
| SS, SST and ICR                               | 3.01%                        | 2.21%                      | N |

N  
N  
N  
N

Transmission Losses:

N

The transmission loss factor used to calculate the capacity credit shall be the MidAmerican Energy Company transmission owner loss data currently posted with MISO. This factor is subject to change and can be found at [www.misoenergy.org](http://www.misoenergy.org).

N  
N  
N



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute 1<sup>st</sup> Revised Sheet No. 346  
Canceling Substitute Original Sheet No. 346

## RATE QF – COGENERATION AND SMALL POWER PRODUCTION FACILITIES (continued)

### ADJUSTMENT CLAUSES AND RIDERS

The above rates are subject to:

#### 1. ETA – Electric Tax Adjustment

Customer billing or payment each month will be net of interconnection sales and purchases as separately stated.

### TYPICAL GENERATION PROFILES

For the purpose of computing the cash-out amount specified in the Company's Rate PG Pilot tariff, the amount paid will be the weighted average of the real-time LMPs associated with the typical solar or wind resource generation profile listed below.

#### Solar

| Hour               | --- Month --- |          |          |          |          |          |          |          |          |          |          |          |
|--------------------|---------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                    | 1             | 2        | 3        | 4        | 5        | 6        | 7        | 8        | 9        | 10       | 11       | 12       |
| 1                  | 0.000000      | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 2                  | 0.000000      | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 3                  | 0.000000      | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 4                  | 0.000000      | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 5                  | 0.000000      | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 6                  | 0.000000      | 0.000000 | 0.000000 | 0.000003 | 0.000012 | 0.000017 | 0.000013 | 0.000004 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 7                  | 0.000003      | 0.000022 | 0.000020 | 0.000036 | 0.000062 | 0.000073 | 0.000059 | 0.000039 | 0.000020 | 0.000006 | 0.000025 | 0.000005 |
| 8                  | 0.000072      | 0.000112 | 0.000096 | 0.000131 | 0.000150 | 0.000171 | 0.000158 | 0.000134 | 0.000102 | 0.000069 | 0.000106 | 0.000081 |
| 9                  | 0.000171      | 0.000220 | 0.000208 | 0.000223 | 0.000236 | 0.000266 | 0.000262 | 0.000242 | 0.000207 | 0.000167 | 0.000180 | 0.000171 |
| 10                 | 0.000261      | 0.000304 | 0.000300 | 0.000337 | 0.000325 | 0.000356 | 0.000348 | 0.000334 | 0.000295 | 0.000266 | 0.000249 | 0.000244 |
| 11                 | 0.000311      | 0.000351 | 0.000366 | 0.000379 | 0.000373 | 0.000403 | 0.000412 | 0.000396 | 0.000343 | 0.000328 | 0.000279 | 0.000271 |
| 12                 | 0.000328      | 0.000383 | 0.000416 | 0.000389 | 0.000417 | 0.000425 | 0.000439 | 0.000402 | 0.000389 | 0.000360 | 0.000272 | 0.000280 |
| 13                 | 0.000304      | 0.000378 | 0.000399 | 0.000419 | 0.000428 | 0.000442 | 0.000449 | 0.000420 | 0.000390 | 0.000362 | 0.000256 | 0.000247 |
| 14                 | 0.000254      | 0.000331 | 0.000346 | 0.000384 | 0.000401 | 0.000425 | 0.000437 | 0.000388 | 0.000360 | 0.000335 | 0.000199 | 0.000178 |
| 15                 | 0.000154      | 0.000240 | 0.000275 | 0.000330 | 0.000375 | 0.000362 | 0.000381 | 0.000313 | 0.000323 | 0.000251 | 0.000118 | 0.000099 |
| 16                 | 0.000051      | 0.000121 | 0.000196 | 0.000263 | 0.000286 | 0.000306 | 0.000322 | 0.000261 | 0.000236 | 0.000168 | 0.000036 | 0.000020 |
| 17                 | 0.000001      | 0.000020 | 0.000110 | 0.000176 | 0.000210 | 0.000225 | 0.000225 | 0.000194 | 0.000134 | 0.000071 | 0.000003 | 0.000000 |
| 18                 | 0.000000      | 0.000000 | 0.000035 | 0.000069 | 0.000092 | 0.000119 | 0.000117 | 0.000089 | 0.000041 | 0.000006 | 0.000000 | 0.000000 |
| 19                 | 0.000000      | 0.000000 | 0.000002 | 0.000010 | 0.000021 | 0.000037 | 0.000035 | 0.000018 | 0.000002 | 0.000000 | 0.000000 | 0.000000 |
| 20                 | 0.000000      | 0.000000 | 0.000000 | 0.000000 | 0.000002 | 0.000009 | 0.000007 | 0.000001 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 21                 | 0.000000      | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 22                 | 0.000000      | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 23                 | 0.000000      | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 24                 | 0.000000      | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| Days               | 31            | 29       | 31       | 30       | 31       | 30       | 31       | 31       | 30       | 31       | 30       | 31       |
| Monthly Allocation | 0.059220      | 0.071937 | 0.085819 | 0.094460 | 0.105134 | 0.109084 | 0.113635 | 0.100321 | 0.085251 | 0.074001 | 0.051715 | 0.049425 |





MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute Original Sheet No. 346.50

**RATE QF – COGENERATION AND SMALL  
POWER PRODUCTION FACILITIES (continued)**

**TYPICAL GENERATION PROFILES (continued)**

Wind

| Hour               | --- Month --- |          |          |          |          |          |          |          |          |          |          |          |
|--------------------|---------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                    | 1             | 2        | 3        | 4        | 5        | 6        | 7        | 8        | 9        | 10       | 11       | 12       |
| 1                  | 0.000103      | 0.000119 | 0.000117 | 0.000106 | 0.000045 | 0.000022 | 0.000028 | 0.000012 | 0.000036 | 0.000077 | 0.000108 | 0.000173 |
| 2                  | 0.000112      | 0.000155 | 0.000099 | 0.000091 | 0.000049 | 0.000033 | 0.000023 | 0.000015 | 0.000023 | 0.000061 | 0.000103 | 0.000168 |
| 3                  | 0.000115      | 0.000169 | 0.000087 | 0.000097 | 0.000047 | 0.000033 | 0.000030 | 0.000013 | 0.000024 | 0.000057 | 0.000099 | 0.000144 |
| 4                  | 0.000100      | 0.000178 | 0.000121 | 0.000125 | 0.000049 | 0.000020 | 0.000046 | 0.000019 | 0.000018 | 0.000055 | 0.000089 | 0.000152 |
| 5                  | 0.000072      | 0.000204 | 0.000108 | 0.000122 | 0.000031 | 0.000042 | 0.000042 | 0.000018 | 0.000038 | 0.000053 | 0.000079 | 0.000152 |
| 6                  | 0.000078      | 0.000202 | 0.000127 | 0.000110 | 0.000033 | 0.000021 | 0.000021 | 0.000007 | 0.000050 | 0.000044 | 0.000089 | 0.000132 |
| 7                  | 0.000094      | 0.000203 | 0.000117 | 0.000116 | 0.000024 | 0.000023 | 0.000018 | 0.000016 | 0.000035 | 0.000057 | 0.000074 | 0.000139 |
| 8                  | 0.000079      | 0.000195 | 0.000101 | 0.000147 | 0.000036 | 0.000026 | 0.000032 | 0.000025 | 0.000039 | 0.000056 | 0.000093 | 0.000163 |
| 9                  | 0.000089      | 0.000219 | 0.000123 | 0.000172 | 0.000053 | 0.000046 | 0.000041 | 0.000020 | 0.000040 | 0.000072 | 0.000087 | 0.000167 |
| 10                 | 0.000098      | 0.000278 | 0.000200 | 0.000228 | 0.000076 | 0.000070 | 0.000051 | 0.000035 | 0.000058 | 0.000093 | 0.000119 | 0.000174 |
| 11                 | 0.000107      | 0.000308 | 0.000235 | 0.000285 | 0.000090 | 0.000084 | 0.000072 | 0.000058 | 0.000075 | 0.000128 | 0.000158 | 0.000204 |
| 12                 | 0.000112      | 0.000313 | 0.000277 | 0.000294 | 0.000112 | 0.000108 | 0.000088 | 0.000059 | 0.000098 | 0.000143 | 0.000192 | 0.000228 |
| 13                 | 0.000145      | 0.000294 | 0.000280 | 0.000318 | 0.000125 | 0.000129 | 0.000067 | 0.000066 | 0.000129 | 0.000162 | 0.000199 | 0.000247 |
| 14                 | 0.000163      | 0.000322 | 0.000299 | 0.000335 | 0.000169 | 0.000150 | 0.000085 | 0.000061 | 0.000138 | 0.000175 | 0.000207 | 0.000249 |
| 15                 | 0.000162      | 0.000309 | 0.000292 | 0.000347 | 0.000161 | 0.000151 | 0.000100 | 0.000065 | 0.000148 | 0.000172 | 0.000244 | 0.000247 |
| 16                 | 0.000159      | 0.000304 | 0.000306 | 0.000329 | 0.000153 | 0.000147 | 0.000106 | 0.000060 | 0.000135 | 0.000150 | 0.000187 | 0.000253 |
| 17                 | 0.000124      | 0.000295 | 0.000256 | 0.000298 | 0.000151 | 0.000136 | 0.000094 | 0.000054 | 0.000108 | 0.000101 | 0.000138 | 0.000200 |
| 18                 | 0.000104      | 0.000233 | 0.000188 | 0.000259 | 0.000113 | 0.000103 | 0.000064 | 0.000052 | 0.000063 | 0.000056 | 0.000115 | 0.000186 |
| 19                 | 0.000106      | 0.000188 | 0.000141 | 0.000155 | 0.000066 | 0.000063 | 0.000029 | 0.000041 | 0.000028 | 0.000058 | 0.000117 | 0.000201 |
| 20                 | 0.000086      | 0.000152 | 0.000123 | 0.000123 | 0.000031 | 0.000048 | 0.000022 | 0.000031 | 0.000022 | 0.000057 | 0.000119 | 0.000200 |
| 21                 | 0.000086      | 0.000131 | 0.000120 | 0.000100 | 0.000032 | 0.000027 | 0.000028 | 0.000045 | 0.000038 | 0.000050 | 0.000122 | 0.000224 |
| 22                 | 0.000090      | 0.000141 | 0.000127 | 0.000093 | 0.000027 | 0.000041 | 0.000036 | 0.000032 | 0.000032 | 0.000061 | 0.000128 | 0.000224 |
| 23                 | 0.000093      | 0.000142 | 0.000132 | 0.000104 | 0.000032 | 0.000031 | 0.000041 | 0.000024 | 0.000020 | 0.000067 | 0.000118 | 0.000213 |
| 24                 | 0.000099      | 0.000141 | 0.000137 | 0.000093 | 0.000051 | 0.000019 | 0.000014 | 0.000018 | 0.000025 | 0.000091 | 0.000117 | 0.000194 |
| Days               | 31            | 29       | 31       | 30       | 31       | 30       | 31       | 31       | 30       | 31       | 30       | 31       |
| Monthly Allocation | 0.079811      | 0.150664 | 0.127543 | 0.133418 | 0.054347 | 0.047167 | 0.036542 | 0.026167 | 0.042575 | 0.065090 | 0.093024 | 0.143652 |

The cash-out for Customers on Rate PG Pilot, with a generation resource other than solar or wind, will be calculated by the weighted average of the real-time LMPs associated with a typical generation profile for the applicable resource.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute Original Sheet No. 347  
Canceling Original Sheet No. 347

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**RATE QF – COGENERATION AND SMALL  
POWER PRODUCTION FACILITIES (continued)**

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**BILLING AND PAYMENT**

The Company shall provide to the Qualifying Facility, and the Qualifying Facility shall pay for, electric service at the rate(s) on file with the Iowa Utilities Board for sales to other customers with similar load or other cost-related characteristics.

Service Charge. A Service Charge shall be paid by the Qualifying Facility to the Company in order to cover recurring costs for meter reading, bill and credit calculations, and accounting and related matters. The Service Charge is subject to the Tax Adjustment.

Billing by the Company shall be rendered monthly. The term “monthly” for billing purposes hereunder shall mean the period between any two consecutive regular readings by the Company for the meter(s) at the Qualifying Facility, such readings to be taken as nearly as may be practicable every thirty days. The billings shall be calculated using the applicable rate(s).

Bills are due within twenty days from the date the bill is rendered to the customer. Bills not paid within the twenty day period will be assessed a late payment charge. The late payment charge is equal to 1.5 percent per month of the past due amount.

Payment by the Company, if any, shall be made to the Qualifying Facility within twenty days from the date the meter is read. The Company’s obligation for billing and payment to the Qualifying Facility for energy delivered to the Company shall not commence until the Company has provided written approval for operation.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute Original Sheet No. 348  
Canceling Original Sheet No. 348

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## **RATE QF – COGENERATION AND SMALL POWER PRODUCTION FACILITIES (continued)**

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### **CONTRACT TERMS AND CONDITIONS**

The provisions of this rate schedule shall be deemed to be terms and conditions of the written contract entered into by the Company for deliveries of energy from Qualifying Facilities to the Company and purchases of energy by Qualifying Facilities from the Company. A copy of this tariff will be provided to the Qualifying Facility. This rate schedule is subject to change upon approval by the Iowa Utilities Board. In addition, service hereunder is subject to the terms and conditions outlined in 199 Iowa Administrative Code (IAC) Chapter 45 and Section 7 of this tariff, Electric Interconnection of Distributed Generation Facilities.

### **ADDITIONAL PROVISIONS**

**Administrative Rules:** Qualifying Facilities must comply with all applicable rules of the Iowa Utilities Board including, but not limited to, 199 IAC Sections 15.1 through 15.10 and 199 IAC Chapter 45.

**Excess Production:** The owner or operator of a Qualifying Facility may elect to deliver all of the Qualifying Facility's production to the Company under this rate schedule, or may elect to deliver a portion of the production in excess of the Qualifying Facility's own requirements but may not alternate between such elections except that the election may be revised after 12 months have elapsed.

**Permits and Inspection Fees:** The Qualifying Facility shall secure without cost to the Company all necessary permits for the installation and operation of the electrical wiring and equipment on the Qualifying Facility's premises and to the point of interconnection. If the Qualifying Facility is not the owner of the premises, or of intervening property between the premises and the Company's lines, the Qualifying Facility shall obtain from the proper owner, or owners, the necessary easement for the installation and maintenance on said premises or such intervening property of all wiring and other electrical equipment required for sale of electricity to the Company.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

3<sup>rd</sup> Substitute 1<sup>st</sup> Revised Sheet No. 349  
Canceling Original Sheet No. 349

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## **RATE NB - NET BILLING OF SMALL ALTERNATE ENERGY PRODUCERS AND SMALL HYDRO FACILITIES**

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### **AVAILABILITY**

This rate schedule is limited to Customers who filed complete interconnection applications prior to May 4, 2017 and applicable to Net Billed Facilities with metered energy only, which are defined as Alternate Energy Production Facilities or Small Hydro Facilities as such terms are defined by Section 476.42, *Iowa Code*. Such facilities will be referred to in this rate schedule individually as "Net Billed Facility."

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This rate schedule is available pursuant to a written contract entered into by the Company for Net Billed Facilities located in the Company's Iowa electric service area.

A Net Billed Facility means any of the following:

- An electric production facility which derives 75 percent or more of its energy input from solar, wind, waste management, resource recovery, refuse-derived fuel, agricultural crops or residues, or wood-burning;
- A hydroelectric facility at a dam;
- Cogeneration facility or a small power production facility that has a design capacity of 100 kilowatts or less and which has obtained qualifying status under 18 CFR Part 292, Subpart B;
- Land, systems, buildings, or improvements that are located at the project site and are necessary or convenient to the construction, completion or operation of the facility; or
- Transmission or distribution facilities necessary to conduct the energy produced to the purchasing utility.

### **NET BILLING ARRANGEMENT**

A Net Billed Facility shall satisfy each of the following requirements:

- Have one geographic location or point of service from the Company;
- Have an aggregated nameplate capacity of 500 kW or less; and
- Generating capacity and associated energy is intended to serve only the electric requirements of the owner of the Facility.



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**RATE NB - NET BILLING OF SMALL ALTERNATE ENERGY  
PRODUCERS AND SMALL HYDRO FACILITIES (continued)**

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Facilities with a design capacity of over 500 kW may utilize this Net Billing Arrangement for up to 500 kW of design capacity of the Facility, and may request service under Rate AEP or Rate QF for the undesignated balance of the Facility's capacity. Facilities with aggregate nameplate capacity over 500 kW may contract for a portion of their facilities up to 500 kW as net metered, described below.

The term of the contract between the Company and the Facility under Net Billing Arrangement shall be specified by the Facility in the contract but shall not exceed twenty (20) years. Such contracts may be assigned for collateral purposes, or may be assigned by the Company in conjunction with a reorganization, but otherwise shall not be assignable without written consent of the parties. Consent will not be unreasonably withheld by the Company.

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Standby and Supplementary Power Service is not required for Net Billed Facilities.

**METERING EQUIPMENT**

The Company will install and provide, at no additional cost to the Facility, metering equipment at the point of service to the Facility of one of the following types:

- Metering capable of measuring and recording energy flows, on a kWh basis, from the Company to the Facility and from the Facility to the Company, with each direction energy flow recorded independently.
- Metering capable of measuring power flows in each direction on an hourly or other real-time basis. The Facility to receive real-time metering equipment shall be determined in consultation with the Iowa Utilities Board and the Iowa Department of Justice Office of Consumer Advocate.

The Facility shall not be responsible for the costs of the metering equipment installed in accordance with this provision except:

- To the extent that metering costs are reflected in the purchase rate applicable to its type or class of utility service; and
- In the case of facilities with design capacity of 500 kW or greater, for metering equipment that may be installed pursuant to the terms of a negotiated contract.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

3<sup>rd</sup> Substitute 1<sup>st</sup> Revised Sheet No. 351  
Canceling Original Sheet No. 351

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**RATE NB - NET BILLING OF SMALL ALTERNATE ENERGY  
PRODUCERS AND SMALL HYDRO FACILITIES (continued)**

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**SALES AND PURCHASES**

In addition to the Basic Service Charge under this rate schedule, the Facility shall be responsible for payment of any applicable Basic Service Charge or other applicable charges approved by the Iowa Utilities Board that are not collected on the basis of metered registration.

For charges collected on the basis of metered registration, the Company shall, for each monthly billing period, determine the net meter registration of the Facility by comparing the directional energy flow in each direction.

If the net meter registration shows that the deliveries of energy in kWh from the Facility to the Company exceed the deliveries of energy in kWh from the Company to the Facility, the net meter registration in kWh will be carried forward to the next monthly billing period as a Private Energy Credit, expressed in kWh. If the Facility has carried over a Private Energy Credit from one or more prior months, the net meter registration from the current month shall be added to the Private Energy Credit that exists from prior months.

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If the net metering registration shows that deliveries of energy in kWh from the Company to the Facility exceed the deliveries of energy in kWh from the Facility to the Company, the Facility shall pay the Company for the net amount of energy delivered by the Company after application of any Private Energy Credit carried forward from previous months at the rate applicable to its type or class of electric service.

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The Company shall not be required to convert the Private Energy Credit to cash.

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Original Sheet No. 352

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**RATE NB - NET BILLING OF SMALL ALTERNATE ENERGY  
PRODUCERS AND SMALL HYDRO FACILITIES (continued)**

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**NET METERING FACILITIES WITH AGGREGATE NAMEPLATE CAPACITY OVER  
500 kW**

If a customer's aggregate Net Billed Facility nameplate capacity at a location exceeds 500 kW, the Company shall install a meter capable of recording the customer's total energy inflow and total energy outflow separately, at no additional cost to the customer.

The customer's total energy outflow shall be divided into separate "net metering" and "purchase" portions.

- The "net metering" portion shall be a prorated amount, calculated by applying the total energy outflow to a ratio of: 500 KW to the aggregate nameplate capacity at the location.
- The remaining energy outflow shall be the "purchase" portion.

Metered energy billed to the customer shall be the total energy inflow less the "net metering" portion of total energy outflow for the same period and same location. Any "net metering" outflow kWh balances shall be carried forward to the next billing month. The "purchase" portion of total energy outflow shall be purchased by the Company under Rate AEP or Rate QF.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Original Sheet No. 353

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**RATE NB - NET BILLING OF SMALL ALTERNATE ENERGY  
PRODUCERS AND SMALL HYDRO FACILITIES (continued)**

---

**BILLING AND PAYMENT**

Billing by the Company shall be rendered monthly. The term "monthly" for billing purposes hereunder shall mean the period between any two consecutive regular readings by the Company for the meter(s) at the Facility, such readings to be taken as nearly as may be practicable every thirty days. The billings shall be calculated using the applicable rate(s).

Bills are due within twenty days from the date the bill is rendered to the customer. Bills not paid within the twenty day period will be assessed a late payment charge. The late payment charge is equal to 1.5 percent per month of the past due amount.

Payment by the Company, if any, shall be made to the Facility within twenty days from the date the meter is read. The Company's obligation for billing and payment to the Facility for energy delivered to the Company shall not commence until the Company has provided written approval for operation.





MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

3<sup>rd</sup> Substitute 1<sup>st</sup> Revised Sheet No. 354  
Canceling Original Sheet No. 354

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**RATE NB - NET BILLING OF SMALL ALTERNATE ENERGY  
PRODUCERS AND SMALL HYDRO FACILITIES (continued)**

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**CONTRACT TERMS AND CONDITIONS**

The provisions of this rate schedule shall be deemed to be terms and conditions of the written contract entered into by the Company for deliveries of energy from Facilities to the Company and purchases of energy by Facilities from the Company. A copy of this tariff will be provided to the Facility. Service hereunder is subject to the terms and conditions outlined in 199 Iowa Administrative Code (IAC) Chapters 15 and 45 and Section 7, "Electric Interconnections."

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The Facility shall deliver electricity to the Company on a best-efforts basis during the contract term.

**SUPPLYING INTERCONNECTION PLANS AND COMPANY APPROVAL**

The Facility agrees to submit an interconnection plan not less than thirty days prior to connection and for approval of the Company. The Facility and its interconnection plan are subject to written Company approval pursuant to the terms and conditions outlined in 199 Iowa Administrative Code (IAC) Chapters 15 and 45 and Section 7, "Electric Interconnections."

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**ADDITIONAL PROVISIONS**

No later than July 1, 2006, and at five-year intervals thereafter, the Company shall file with the Board a report outlining its experience with this rate schedule. This report may recommend changes to the rate schedule. The Board shall review the report and issue a response.

This Periodic Review is not intended to preclude interested persons, including the Company, from requesting the Board to modify or cancel the Rate Schedule at other times.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Original Sheet No. 355

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## **RATE AEP – ALTERNATE ENERGY PRODUCTION FACILITIES CONTRACT PROVISION OFFERED**

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### **AVAILABILITY**

This rate schedule is applicable to purchases by the Company from an Alternate Energy Production Facility or a Small Hydro Facility as such terms are defined by Section 476.42, Iowa Code. Such facilities will be referred to in this rate schedule as "Facility."

Purchases by the Company under this rate schedule are pursuant to a written contract for interconnection and operation of on-site parallel distributed generation systems entered into by the Company and the owner or operator of the Facility that is located in Company's Iowa electric service area.

### **LIMITATIONS OF THIS SERVICE**

The Company is required to purchase 55,200 kW of AEP generating capacity and associated energy production for its Iowa operations. In Docket No. AEP-07-1, the Iowa Utilities Board approved facilities exclusively dedicated to satisfying this requirement for MidAmerican. Any changes to these designations are subject to Iowa Utilities Board approval.

A Facility shall be any of the following:

- An electric production facility which derives 75 percent or more of its energy input from solar, wind, waste management, resource recovery, refuse-derived fuel, agricultural crops or residues, or wood-burning;
- A hydroelectric facility at a dam;
- Land, systems, buildings, or improvements that are located at the project site and are necessary or convenient to the construction, completion or operation of the facility; or
- Transmission or distribution facilities necessary to conduct the energy produced to the purchasing utility.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute 2<sup>nd</sup> Revised Sheet No. 356  
Canceling 3<sup>rd</sup> Substitute 1<sup>st</sup> Revised Sheet No. 356

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**RATE AEP – ALTERNATE ENERGY PRODUCTION FACILITIES  
CONTRACT PROVISION OFFERED (continued)**

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**RATES FOR SALE TO CUSTOMERS AND PURCHASE BY COMPANY**

The Facility shall select one of the following metering arrangements for the sale to and purchase from the Company:

1. “Simultaneous Purchase and Sale Arrangement” with one meter measuring sales to the Company and a separate meter measuring purchases from the Company, subject to the terms and conditions in “Simultaneous Purchase and Sale Arrangement” subsection, below.
2. “Net Billing Arrangement” with a single meter monitoring only the net amount of electricity sold or purchased subject to the terms and conditions in Rate NB – Net Billing of Small Alternate Energy Producers and Small Hydro Facilities, Rate PG Pilot – Net Billing of Private Generation Facilities Pilot or Rate IO – Inflow /Outflow Billing of Eligible Distributed Generation Facilities.

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The Facility may change from one metering arrangement to the other, as it deems necessary, provided it pays all the costs attributable to such change.

**SIMULTANEOUS PURCHASE AND SALE ARRANGEMENT**

All energy produced by the Facility shall be considered purchased by the Company. All energy consumed by the Facility shall be considered sold to the Facility by the Company.

**Metering Equipment**

Unless net metering is the only rate schedule selected, one meter shall be installed to measure sales to the Company. A separate meter shall be installed to measure purchases from the Company.

The Facility shall reimburse the Company for the cost, installation and maintenance of any supplemental metering equipment necessary that would not be required for service provided to a customer having no Facility.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute 2<sup>nd</sup> Revised Sheet No. 357  
Canceling 3<sup>rd</sup> Substitute 1<sup>st</sup> Revised Sheet No. 357

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**RATE AEP – ALTERNATE ENERGY PRODUCTION FACILITIES  
CONTRACT PROVISION OFFERED (continued)**

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**SIMULTANEOUS PURCHASE AND SALE ARRANGEMENT (continued)**

The Facility is prohibited from arranging or modifying its facilities to sell back to the Company the same energy it purchased.

**Sales and Purchases**

All electricity provided by the Facility is considered sold to the Company at a negotiated buy-back rate. If eligible for rate QF, a Facility may select to sell energy and capacity under that rate schedule. A Basic Service Charge of \$8.41 per month shall be paid by the Facility to the Company in order to recover recurring costs for meter reading, bill and credit calculations, and accounting and related matters. Services, other than those covered by the Basic Service Charge, which are requested by the Facility and provided by the Company will be billed at applicable rates. The Basic Service Charge is subject to Clause ETA – Electric Tax Adjustment.

All electricity used by the Facility shall be sold to the Facility, and the Facility shall pay for, electric service at the rate(s) on file with the Iowa Utilities Board for sales to other customers with similar load or other cost-related characteristics.

The billing for sales and billing for purchases of energy by the Facility shall be separately calculated. The resulting dollars for purchases and sales may be combined on the Facility monthly utility bills.

**NET BILLING ARRANGEMENT**

A Facility that selects Net Billing Arrangement shall satisfy the terms and conditions outlined in Rate NB – Net Billing of Small Alternate Energy Producers and Small Hydro Facilities, Rate PG Pilot – Net Billing of Private Generation Facilities Pilot in this tariff or Rate IO – Inflow/Outflow Billing of Eligible Distributed Generation Facilities.

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Original Sheet No. 358

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**RATE AEP – ALTERNATE ENERGY PRODUCTION FACILITIES  
CONTRACT PROVISION OFFERED (continued)**

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**BILLING AND PAYMENT**

Billing by the Company shall be rendered monthly. The term “monthly” for billing purposes hereunder shall mean the period between any two consecutive regular readings by the Company for the meter(s) at the Facility, such readings to be taken as nearly as may be practicable every thirty days. The billings shall be calculated using the applicable rate(s).

Bills are due within twenty days from the date the bill is rendered to the customer. Bills not paid within the twenty day period will be assessed a late payment charge. The late payment charge is equal to 1.5 percent per month of the past due amount.

Payment by the Company, if any, shall be made to the Facility within twenty days from the date the meter is read. The Company’s obligation for billing and payment to the Facility for energy delivered to the Company shall not commence until the Company has provided written approval for operation.

**CONTRACT TERMS AND CONDITIONS**

The provisions of this rate schedule shall be deemed to be terms and conditions of the written contract entered into by the Company for deliveries of energy from Facilities to the Company and purchases of energy by Facilities from the Company. A copy of this tariff will be provided to the Facility. Service hereunder is subject to the terms and conditions outlined in 199 Iowa Administrative Code (IAC) Chapter 45 and Section 7 of this tariff, “Electric Interconnections.”

The Facility shall deliver electricity to the Company on a best-efforts basis during the contract term.

Supplying Interconnection Plans and Company Approval.

The Facility agrees to submit an interconnection plan not less than thirty days prior to connection and for approval of the Company. The Facility and its interconnection plan is subject to written Company approval pursuant to the terms and conditions outlined in 199 Iowa Administrative code (IAC) Chapter 45 and Section 7 of this tariff, “Electric Interconnections.”



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet No. 359  
Canceling Original Sheet No. 359

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**RATE AEP – ALTERNATE ENERGY PRODUCTION FACILITIES  
CONTRACT PROVISION OFFERED (continued)**

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**ADDITIONAL PROVISIONS**

Administrative Rules

Prior to interconnecting with the Company's electric system and at all times during continuation of such interconnection, the Facility must satisfy the requirements of Sections 476.41 through 476.45, Iowa Code, and 199 IAC Sections 15.10(1), 15.10(3) through 15.10(6), 15.11(1) and 199 IAC Chapter 45.

Permits and Inspection Fees

The Facility shall secure without cost to the Company all necessary permits for the installation and operation of the electrical wiring and equipment on the Facility's premises and to the point of interconnection. If the Facility is not the owner of the premises, or of intervening property between the premises and the Company's lines, the Facility shall obtain from the proper owner, or owners, the necessary easement for the installation and maintenance on said premises or such intervening property of all wiring and other electrical equipment required for sale of electricity to the Company.

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet No. 360  
Canceling Original Sheet No. 360

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## **RATE RMS – RESIDENTIAL MASTER METERED SERVICE**

---

### **AVAILABLE**

Service under this rate is available only to Residential Iowa Customers of the Altoona Towers Master Meter Pilot Project for use in single-family dwelling units and common areas inside of the pilot facilities. This service is not available for resale, standby or supplemental service.

### **APPLICATION**

Service under this rate schedule will be furnished only to single occupancy dwellings and common areas inside of the pilot facilities.

Where a portion of the facilities are used regularly for business or professional purposes, the Master Meter Pilot Project will be terminated, the premises will be classified as non-residential and the appropriate price schedule applied. However, if the service for residential purposes can be metered separately through appropriate wiring, the residential classification and Master Meter Pilot Project rate will be applied to such service.

Service in the classification is not available to any structure or facility not attached to the pilot facilities. Such unattached structures or other facilities on the pilot facilities premises shall be served under a qualifying non-residential rate.

### **CHARACTER OF SERVICE**

Alternating current, 60 Hz, single- or three-phase, at secondary voltages offered by the Company, and as further described in the Company's terms and conditions.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet No. 361  
Canceling Original Sheet No. 361

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## **RATE RMS – RESIDENTIAL MASTER METERED SERVICE (continued)**

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### **NET MONTHLY RATE PER BILLING METER**

N

Basic Service Charge: \$20.00

N

| <u>Energy Charge:</u> | <u>Summer</u> | <u>Winter</u> |
|-----------------------|---------------|---------------|
| First 100,000 kWh     | \$ 0.10575    | \$ 0.08044    |
| All over 100,000 kWh  | \$ 0.10575    | \$ 0.04536    |

N

N

N

Summer: Applicable during the four monthly billing periods of June through September.

N

N

Winter: Applicable during the eight monthly billing periods of October through May.

N

N

### **ADJUSTMENT CLAUSES AND RIDERS**

N

The above rates are subject to:

N

1. ETA – Electric Tax Adjustment
2. TCA – Transmission Cost Adjustment
3. EAC – Energy Adjustment Clause
4. EECR – Energy Efficiency Cost Recovery Adjustment
5. E – Equalization Adjustment Clause
6. PI – Phase-In Adjustment Clause

N

N

N

N

N

N

### **MINIMUM CHARGE**

N

The minimum charge shall be the total of the Basic Service Charge.

N





MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet No. 362  
Canceling Original Sheet No. 362

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**RATE RMS – RESIDENTIAL MASTER METERED SERVICE (continued)**

---

**LATE PAYMENT CHARGE**

N

A late payment charge of one and one-half percent (1.5%) per month shall be added to the past due amount if the bill is not paid by the due date.

N  
N

**GENERAL**

N

Service hereunder is subject to the Electric Service Policies of the Company and any applicable adjustment clauses and riders included in this electric tariff schedule.

N  
N



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute 3<sup>rd</sup> Revised Sheet No. 363  
Canceling 3<sup>rd</sup> Substitute 2<sup>nd</sup> Revised Sheet No. 363

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## **RATE PG PILOT - NET BILLING OF PRIVATE GENERATION FACILITIES PILOT**

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### **AVAILABILITY**

This pilot program is applicable to net billed Private Generation Facilities, which are defined as Alternate Energy Production Facilities or Small Hydro Facilities as such terms are defined by Section 476.42, Iowa Code that file complete interconnection applications on or after May 4, 2017 and prior to December 1, 2020. Such facilities will be referred to in this rate schedule individually as "Private Generation Facility" or "Facility".

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This Rate PG Pilot is available pursuant to a written contract entered into by the Company for Private Generation Facilities located in the Company's Iowa electric service area.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

3<sup>rd</sup> Substitute 2<sup>nd</sup> Revised Sheet No. 364  
Canceling 1<sup>st</sup> Revised Sheet No. 364

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## **RATE PG PILOT - NET BILLING OF PRIVATE GENERATION FACILITIES PILOT (continued)**

---

### **AVAILABILITY (continued)**

A Private Generation Facility means any of the following:

- An electric production facility which derives 75 percent or more of its energy input from solar, wind, waste management, resource recovery, refuse-derived fuel, agricultural crops or residues, or wood-burning;
- A hydroelectric facility at a dam;
- Cogeneration facility or a small power production facility that has a design capacity of 100 kilowatts or less and which has obtained qualifying status under 18 CFR Part 292, Subpart B and are fueled by a renewable energy source;
- Land, systems, buildings, or improvements that are located at the project site and are necessary or convenient to the construction, completion or operation of the facility; or
- Transmission or distribution facilities necessary to conduct the energy produced to the purchasing utility.

### **NET BILLING ARRANGEMENT**

A Net Billing Arrangement is available under any ownership structure, including facilities financed through third parties. A Private Generation Facility that qualifies for a net billing arrangement shall satisfy each of the following requirements:

- Have one geographic location or point of service from the Company;
- Have an aggregated nameplate capacity of 1 MW or less (up to 100 percent of the Customer's load); and
- Generating capacity and associated energy is intended to serve only the electric requirements of the Customer.

In the context of the Rate PG Pilot tariff, the Customer's load is defined as the Customer's annual energy usage.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

3<sup>rd</sup> Substitute 2<sup>nd</sup> Revised Sheet No. 365  
Canceling 1<sup>st</sup> Revised Sheet No. 365

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**RATE PG PILOT - NET BILLING OF PRIVATE GENERATION FACILITIES PILOT  
(continued)**

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**NET BILLING ARRANGEMENT (continued)**

Customers with a Facility design capacity that exceeds their load or is over 1 MW may utilize this Net Billing Arrangement for up to 100 percent of their load, not to exceed 1 MW of design capacity of the Facility, and may request for the undesignated balance of the Facility's capacity to be purchased by the Company under Rate AEP or Rate QF. Customers with a Facility aggregate nameplate capacity that exceeds their load or is over 1 MW may contract for a portion of their facilities up to 100 percent of their load, not to exceed 1 MW as net metered, described below.

The term of the contract between the Company and the Customer under Net Billing Arrangement shall be specified by the Customer in the contract but shall not exceed twenty-five (25) years. Such contracts may be assigned for collateral purposes, or may be assigned by the Company in conjunction with a reorganization, but otherwise shall not be assignable without written consent of the parties. Written consent will not be unreasonably withheld by the Company.

Standby and Supplementary Power Service is not required for Private Generation Facilities.

**PRIVATE GENERATION FACILITIES WITH AGGREGATE NAMEPLATE CAPACITY  
THAT EXCEEDS 100 PERCENT OF THE CUSTOMER'S LOAD**

In the event a Customer's private generation is expected to be greater than 100 percent of their load, the Company shall install a meter capable of recording the Customer's total energy inflow and total energy outflow separately.

The Company will estimate the expected output of the Customer's Facility and compare that to the Customer's historical (an average of three (3) years of data if available) or estimated annual usage. For solar Facilities, that estimate will be made by using the National Renewable Energy Laboratory's PVWatts Calculator.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

3<sup>rd</sup> Substitute 2<sup>nd</sup> Revised Sheet No. 366  
Canceling 1<sup>st</sup> Revised Sheet No. 366

---

**RATE PG PILOT - NET BILLING OF PRIVATE GENERATION FACILITIES PILOT  
(continued)**

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**PRIVATE GENERATION FACILITIES WITH AGGREGATE NAMEPLATE CAPACITY  
THAT EXCEEDS 100 PERCENT OF THE CUSTOMER'S LOAD (continued)**

The Customer's total energy outflow shall be divided into separate "net metering" and "purchase" portions.

- The "net metering" portion shall be a prorated amount, calculated by applying the total energy outflow to a ratio of: 100 percent of the Customer's annual energy usage to the aggregate nameplate capacity at the location.
- The remaining energy outflow shall be the "purchase" portion.

Metered energy billed to the Customer shall be the total energy inflow less the "net metering" portion of total energy outflow for the same period and same location. Any "net metering" outflow kWh balances (Private Energy Credits) shall be carried forward to the next billing month until the annual cash-out or termination of service. The monthly "purchase" portion of total energy outflow shall be purchased by the Company under Rate AEP or Rate QF.

Example: Customer with an average annual usage of 9,451 kWh installs a 12 kW AC solar array. Based on the PVWatts Calculator, the estimated annual solar production would be 18,133 kWh which would equal approximately 192% of the Customer's load.

$$\begin{aligned} 18,133 / 9,451 &= 1.919 \\ 9,451 \times 100\% &= 9,451 \\ 9,451 / 18,133 &= 52\% \end{aligned}$$

In this example, because the expected output of the Facility would be greater than 100 percent of the Customer's average or estimated annual energy usage, the "net metering" portion of the total energy outflow would be 52% and the "purchase" portion would be the remaining 48%.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

3<sup>rd</sup> Substitute 2<sup>nd</sup> Revised Sheet No. 367  
Canceling 1<sup>st</sup> Revised Sheet No. 367

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**RATE PG PILOT - NET BILLING OF PRIVATE GENERATION FACILITIES PILOT**  
**(continued)**

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**PRIVATE GENERATION FACILITIES WITH AGGREGATE NAMEPLATE CAPACITY OVER 1 MW**

If a Customer's aggregate Private Generation Facility nameplate capacity at a location exceeds 1 MW, the Company shall install a meter capable of recording the Customer's total energy inflow and total energy outflow separately, the cost of which may be billed to the Customer pursuant to a negotiated contract.

The Customer's total energy outflow shall be divided into separate "net metering" and "purchase" portions.

- The "net metering" portion shall be a prorated amount, calculated by applying the total energy outflow to a ratio of: 1 MW to the aggregate nameplate capacity at the location.
- The remaining energy outflow shall be the "purchase" portion.

Metered energy billed to the Customer shall be the total energy inflow less the "net metering" portion of total energy outflow for the same period and same location. Any "net metering" outflow kWh balances (Private Energy Credits) shall be carried forward to the next billing month until the annual cash-out or termination of service. The monthly "purchase" portion of total energy outflow shall be purchased by the Company under Rate AEP or Rate QF.

**METERING EQUIPMENT**

The Company will install and provide, at no additional cost to the Customer, metering equipment at the point of service to the Facility capable of:

- Measuring and recording energy flows, on a kWh basis, from the Company to the Facility and from the Facility to the Company, with each direction energy flow recorded independently; and/or
- Measuring power flows in each direction on an hourly or other real-time basis.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

3<sup>rd</sup> Substitute 2<sup>nd</sup> Revised Sheet No. 368  
Canceling 1<sup>st</sup> Revised Sheet No. 368

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**RATE PG PILOT - NET BILLING OF PRIVATE GENERATION FACILITIES PILOT  
(continued)**

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**METERING EQUIPMENT (continued)**

The Customer shall not be responsible for the costs of the metering equipment installed in accordance with this provision except:

- To the extent that metering costs are reflected in the purchase rate applicable to its type or class of utility service; and
- In the case of facilities with design capacity of 1 MW or greater, for metering equipment that may be installed pursuant to the terms of a negotiated contract.

**SALES AND PURCHASES**

The Customer shall be responsible for payment of any applicable Basic Service Charge, Demand Charge or other applicable charges approved by the Iowa Utilities Board that are not collected on the basis of metered energy (kWh) registration.

For charges collected on the basis of metered energy (kWh) registration, the Company shall, for each monthly billing period, determine the net meter registration of the Facility by comparing the directional energy flow in each direction.

If the net meter registration shows that the deliveries of energy in kWh from the Facility to the Company exceed the deliveries of energy in kWh from the Company to the Facility, the net meter registration in kWh will be carried forward to the next monthly billing period as a Private Energy Credit, expressed in kWh, until the annual cash-out or termination of service. If the Customer has carried over a Private Energy Credit from one or more prior months, the net meter registration from the current month shall be added to the Private Energy Credit that exists from prior months, until the annual cash-out or termination of service.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute 3<sup>rd</sup> Revised Sheet No. 369  
Canceling 3<sup>rd</sup> Substitute 2<sup>nd</sup> Revised Sheet No. 369

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**RATE PG PILOT - NET BILLING OF PRIVATE GENERATION FACILITIES PILOT  
(continued)**

---

**SALES AND PURCHASES (continued)**

If the net metering registration shows that deliveries of energy in kWh from the Company to the Facility exceed the deliveries of energy in kWh from the Facility to the Company, the Customer shall pay the Company for the net amount of energy delivered by the Company after application of any Private Energy Credit carried forward from previous months at the rate applicable to its type or class of electric service.

**ANNUAL CASH-OUT**

Excess Private Energy Credits will be cashed-out annually at the avoided cost rate as described in the Company's approved tariff, in the Avoided Cost Rate section of this rate schedule. The Customer may choose an annual cash-out that takes place during the first billing cycle of the calendar year or the April billing cycle each year.

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Unless the Customer elects to transfer a larger share, the funds from the cash-out will be divided evenly between the Customer and the Company's I CARE program to provide assistance to customers in need. To the extent the Customer wants to transfer more to the I CARE program, the Customer must elect the transfer percentage during the interconnection application. Additional transfers can be made in twenty-five percent (25%) increments. Customers can modify the election once each calendar year prior to December 1<sup>st</sup>.

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The Customer's portion of the cash-out funds will appear as a credit on the Customer's bill.





MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute 3<sup>rd</sup> Revised Sheet No. 370  
Canceling 3<sup>rd</sup> Substitute 2<sup>nd</sup> Revised Sheet No. 370

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**RATE PG PILOT - NET BILLING OF PRIVATE GENERATION FACILITIES PILOT  
(continued)**

---

**CASH-OUT UPON TERMINATION OF SERVICE**

When a Customer terminates service, any unused Private Energy Credits will be cashed-out at the avoided cost rate as specified in the Avoided Cost Rate section of this rate schedule at the time of termination.

The Customer's portion of the cash-out funds will appear as a credit on the Customer's final bill with any balance refunded by check.

**AVOIDED COST RATE**

The avoided cost rate for purposes of cash-out in this rate schedule shall be a weighted average of the real-time Midcontinent Independent System Operator, Inc., locational marginal price associated with the typical solar or wind resource generation profiles specified in the Company's Rate QF – Cogeneration and Small Power Production Facilities rate schedule. The avoided cost rate will be updated on an ongoing basis and is subject to change.

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute 3<sup>rd</sup> Revised Sheet No. 371  
Canceling 3<sup>rd</sup> Substitute 2<sup>nd</sup> Revised Sheet No. 371

---

**RATE PG PILOT - NET BILLING OF PRIVATE GENERATION FACILITIES PILOT  
(continued)**

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**BILLING AND PAYMENT**

Billing by the Company shall be rendered monthly. The term “monthly” for billing purposes hereunder shall mean the period between any two (2) consecutive regular readings by the Company for the meter(s) at the Facility, such readings to be taken as nearly as may be practicable every thirty (30) days. The billings shall be calculated using the applicable rate(s).

Bills are due within twenty (20) days from the date the bill is rendered to the Customer. Bills not paid within the twenty (20) day period will be assessed a late payment charge. The late payment charge is equal to one and one-half percent (1.5%) per month of the past due amount.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute 3<sup>rd</sup> Revised Sheet No. 372  
Canceling 3<sup>rd</sup> Substitute 2<sup>nd</sup> Revised Sheet No. 372

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## **RATE PG PILOT - NET BILLING OF PRIVATE GENERATION FACILITIES PILOT (continued)**

---

### **BILLING AND PAYMENT (continued)**

Payment by the Company, if any, shall be made to the Customer within twenty (20) days from the date the meter is read. The Company's obligation for billing and payment to the Customer for energy delivered to the Company shall not commence until the Company has provided written approval for operation.

### **CONTRACT TERMS AND CONDITIONS**

The provisions of this Rate PG Pilot shall be deemed to be terms and conditions of the written contract entered into by the Company for deliveries of energy from Facilities to the Company and purchases of energy by Customers from the Company. A copy of this tariff will be provided to the Customer. Service hereunder is subject to the terms and conditions outlined in 199 Iowa Administrative Code (IAC) Chapters 15 and 45 and Section 7 of this tariff, "Electric Interconnections."

The Facility shall deliver electricity to the Company on a best-efforts basis during the contract term.

Service hereunder is subject to the Electric Service Policies of the Company and applicable Riders included in this electric tariff schedule.

The Customer shall be subject to the provisions of the Company's requirements for interconnection as the provisions exist and may change from time to time.

### **SUPPLYING INTERCONNECTION PLANS AND COMPANY APPROVAL**

The Customer agrees to submit an interconnection plan not less than thirty (30) days prior to connection and for approval of the Company. The Facility and its interconnection plan are subject to written Company approval pursuant to the terms and conditions outlined in 199 Iowa Administrative Code (IAC) Chapters 15 and 45 and Section 7 of this tariff, "Electric Interconnections."



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute 3<sup>rd</sup> Revised Sheet No. 373  
Canceling 3<sup>rd</sup> Substitute 2<sup>nd</sup> Revised Sheet No. 373

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**RATE PG PILOT - NET BILLING OF PRIVATE GENERATION FACILITIES PILOT  
(continued)**

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**SUNSET PROVISION**

This tariff will be available for no less than three (3) years, but no more than five (5) years, from its effective date. If at the end of the study period, the Board determines that these tariff changes should not be incorporated on a permanent basis, the Customers taking service under this tariff shall be allowed to remain on the tariff for the life of their interconnected equipment, not to exceed twenty-five (25) years. Notwithstanding any other provisions of this tariff, all rates and charges contained in this tariff may be modified at any time by a subsequent filing made pursuant to the provisions of Chapter 476 of the Code of Iowa.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute 3<sup>rd</sup> Revised Sheet No. 374  
Canceling 3<sup>rd</sup> Substitute 2<sup>nd</sup> Revised Sheet No. 374

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## **RATE IO – INFLOW/OUTFLOW BILLING OF ELIGIBLE DISTRIBUTED GENERATION FACILITIES**

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### **AVAILABILITY**

This rate is available to Eligible Distributed Generation Facilities as defined by Section 476.49, Iowa Code that file complete interconnection applications on or after December 1, 2020. Such facilities will be referred to in this rate schedule individually as “Eligible Distributed Generation Facility” or “Facility”.

Customers currently receiving service under Rate NB – Net Billing of Small Alternate Energy Producers and Small Hydro Facilities or Rate PG Pilot – Net Billing of Private Generation Facilities Pilot shall have the option to take service under this rate. If an existing Rate NB or Rate PG Pilot Customer chooses to take service under this rate, the Customer:

- Cannot return to Rate NB or Rate PG Pilot at a later date;
- Will be switched for the first billing cycle that begins at least fifteen (15) days after the request to switch is received; and
- Cannot carry over any Net Metering (Private Energy) Credits from Rate NB or Rate PG Pilot. Any Net Metering (Private Energy) Credits acquired while on Rate NB will be forfeited when switching to Rate IO. Any Net Metering (Private Energy) Credits acquired while on Rate PG will be cashed-out as described in the Rate PG tariff when switching to Rate IO.

This Rate IO is available pursuant to a written contract entered into by the Company for Eligible Distributed Generation Facilities located in the Company’s Iowa electric service area.

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**RATE IO – INFLOW/OUTFLOW BILLING OF ELIGIBLE DISTRIBUTED  
GENERATION FACILITIES (continued)**

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**AVAILABILITY (continued)**

An Eligible Distributed Generation Facility means any of the following:

- An electric production facility which derives 75 percent or more of its energy input from solar, wind, waste management, resource recovery, refuse-derived fuel, agricultural crops or residues, or wood-burning;
- A hydroelectric facility at a dam;
- Cogeneration facility or a small power production facility that has a design capacity of 100 kilowatts or less and which has obtained qualifying status under 18 CFR Part 292, Subpart B and are fueled by a renewable energy source;
- Land, systems, buildings, or improvements that are located at the project site and are necessary or convenient to the construction, completion or operation of the facility; or
- Transmission or distribution facilities necessary to conduct the energy produced to the purchasing utility.

**INFLOW/OUTFLOW BILLING ARRANGEMENT**

An Inflow/Outflow Billing Arrangement is available under any ownership structure, including facilities financed through third parties. An Eligible Distributed Generation Facility that qualifies for an Inflow/Outflow Billing Arrangement shall satisfy all of the following requirements:

- Has one geographic location or point of service from the Company;
- Is located behind a Customer's electricity meter;
- Is interconnected to the Company's distribution system;
- Has an aggregate nameplate capacity less than or equal to 1 MW of alternating current;
- Has a capability to produce no more than 110 percent of the Customer's annual electricity usage; and
- Generating capacity and associated energy is intended to serve only the on-site electric requirements of the Customer.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute 3<sup>rd</sup> Revised Sheet No. 376  
Canceling 3<sup>rd</sup> Substitute 2<sup>nd</sup> Revised Sheet No. 376

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**RATE IO – INFLOW/OUTFLOW BILLING OF ELIGIBLE DISTRIBUTED  
GENERATION FACILITIES (continued)**

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**INFLOW/OUTFLOW BILLING ARRANGEMENT (continued)**

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In the context of the Rate IO tariff, the Customer's load is defined as the Customer's average annual energy usage based on recent billing data or estimated annual energy usage. The Company reserves the right to request from the Customer estimated annual energy usage if the Customer has less than one (1) year of billing data.

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Customers with a Facility design capacity that exceeds 110 percent of their load or is over 1 MW may utilize this Inflow/Outflow Billing Arrangement for up to 110 percent of their load, not to exceed 1 MW of design capacity of the Facility, and may request for the undesignated balance of the Facility's capacity to be purchased by the Company under Rate AEP or Rate QF. Customers with a Facility aggregate nameplate capacity that exceeds their load or is over 1 MW may contract for a portion of their facilities up to 110 percent of their load, not to exceed 1 MW under the Inflow/Outflow Billing Arrangement, described below.

The term of the contract between the Company and the Customer under Inflow/Outflow Billing Arrangement shall be twenty (20) years. Such contracts may be assigned for collateral purposes, or may be assigned by the Company in conjunction with a reorganization, but otherwise shall not be assignable without written consent of the parties. Written consent will not be unreasonably withheld by the Company.

Standby and Supplementary Power Service is not required for Eligible Distributed Generation Facilities.

N



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute 3<sup>rd</sup> Revised Sheet No. 377  
Canceling 3<sup>rd</sup> Substitute 2<sup>nd</sup> Revised Sheet No. 377

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**RATE IO – INFLOW/OUTFLOW BILLING OF ELIGIBLE DISTRIBUTED  
GENERATION FACILITIES (continued)**

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**ELIGIBLE DISTRIBUTED GENERATION FACILITIES WITH AGGREGATE  
NAMEPLATE CAPACITY THAT EXCEEDS 110 PERCENT OF THE CUSTOMER'S  
LOAD**

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In the event a Customer's private generation is expected to be greater than 110 percent of their load, the Company shall install a meter capable of recording the Customer's total energy inflow and total energy outflow separately.

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The Company will estimate the expected output of the Customer's Facility and compare that to the Customer's historical (an average of three (3) years of data if available) or estimated annual usage. For solar Facilities, that estimate will be made by using the National Renewable Energy Laboratory's PVWatts Calculator.

The Customer's total energy outflow for each net metering interval shall be divided into separate "outflow purchase" and "QF purchase" portions.

- The "outflow purchase" portion shall be a prorated amount, calculated by applying the total energy outflow for each net metering interval to a ratio of: 110 percent of the Customer's annual energy usage to the aggregate nameplate capacity at the location.
- The remaining energy outflow for each net metering interval shall be the "QF purchase" portion.

Metered energy billed to the Customer during each net metering interval shall be the total energy inflow less the "outflow purchase" portion of total energy outflow for the same interval period. Any excess "outflow purchase" credits shall be carried forward to the next billing month until the end of the annual period or termination of service. The monthly "QF purchase" portion of total energy outflow for each net metering interval shall be purchased by the Company under Rate AEP or Rate QF.

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute 3<sup>rd</sup> Revised Sheet No. 378  
Canceling 3<sup>rd</sup> Substitute 2<sup>nd</sup> Revised Sheet No. 378

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**RATE IO – INFLOW/OUTFLOW BILLING OF ELIGIBLE DISTRIBUTED  
GENERATION FACILITIES (continued)**

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**ELIGIBLE DISTRIBUTED GENERATION FACILITIES WITH AGGREGATE  
NAMEPLATE CAPACITY THAT EXCEEDS 110 PERCENT OF THE CUSTOMER'S  
LOAD (continued)**

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Example: Customer with an average annual usage of 9,451 kWh installs a 12 kW AC solar array. Based on the PVWatts Calculator, the estimated annual solar production would be 18,133 kWh which would equal approximately 192% of the Customer's load.

N

$$\begin{aligned} 18,133 / 9,451 &= 1.919 \\ 9,451 \times 110\% &= 10,396 \\ 10,396 / 18,133 &= 57\% \end{aligned}$$

In this example, because the expected output of the Facility would be greater than 110 percent of the Customer's average or estimated annual energy usage, the "outflow purchase" portion of the total energy outflow would be 57% and the "QF purchase" portion would be the remaining 43%.

**ELIGIBLE DISTRIBUTED GENERATION FACILITIES WITH AGGREGATE  
NAMEPLATE CAPACITY OVER 1 MW**

If a Customer's aggregate Facility nameplate capacity at a location exceeds 1 MW, the Company shall install a meter capable of recording the Customer's total energy inflow and total energy outflow separately, the cost of which may be billed to the Customer pursuant to a negotiated contract.

The Customer's total energy outflow for each net metering interval shall be divided into separate "outflow purchase" and "QF purchase" portions.

- The "outflow purchase" portion shall be a prorated amount, calculated by applying the total energy outflow for each net metering interval to a ratio of: 1 MW to the aggregate nameplate capacity at the location.
- The remaining energy outflow for each net metering interval shall be the "QF purchase" portion.

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MIDAMERICAN ENERGY COMPANY  
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Filed with the Iowa Utilities Board

Substitute 3<sup>rd</sup> Revised Sheet No. 379  
Canceling 3<sup>rd</sup> Substitute 2<sup>nd</sup> Revised Sheet No. 379

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**RATE IO – INFLOW/OUTFLOW BILLING OF ELIGIBLE DISTRIBUTED  
GENERATION FACILITIES (continued)**

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N

**ELIGIBLE DISTRIBUTED GENERATION FACILITIES WITH AGGREGATE  
NAMEPLATE CAPACITY OVER 1 MW (continued)**

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N

Metered energy billed to the Customer during each net metering interval shall be the total energy inflow less the “outflow purchase” portion of total energy outflow for the same interval period. Any excess “outflow purchase” credits shall be carried forward to the next billing month until the end of the annual period or termination of service. The monthly “QF purchase” portion of total energy outflow for each net metering interval shall be purchased by the Company under Rate AEP or Rate QF.

N

**METERING EQUIPMENT**

The Company will install and provide, at no additional cost to the Customer, metering equipment at the point of service to the Facility capable of:

- Measuring and recording energy flows, on a kWh basis, from the Company to the Facility and from the Facility to the Company, with each direction energy flow recorded independently; and/or
- Measuring power flows in each direction on a sub-hourly or other real-time basis.

The Customer shall not be responsible for the costs of the metering equipment installed in accordance with this provision except:

- To the extent that metering costs are reflected in the purchase rate applicable to its type or class of utility service; and
- In the case of facilities with design capacity of 1 MW or greater, for metering equipment that may be installed pursuant to the terms of a negotiated contract.

N



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute 3<sup>rd</sup> Revised Sheet No. 380  
Canceling 3<sup>rd</sup> Substitute 2<sup>nd</sup> Revised Sheet No. 380

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**RATE IO – INFLOW/OUTFLOW BILLING OF ELIGIBLE DISTRIBUTED  
GENERATION FACILITIES (continued)**

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N  
N

**SALES AND PURCHASES**

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N

The Customer shall be responsible for payment of any applicable Basic Service Charge, Demand Charge or other applicable charges approved by the Iowa Utilities Board (Board) that are not collected on the basis of delivered energy (kWh).

N

For charges collected on the basis of delivered energy (kWh), the Company shall determine the net meter registration of the Facility by comparing the directional energy flow in each direction for each net metering interval in the billing period. The net metering interval shall be fifteen (15) minutes.

If the net metering registration for a net metering interval shows deliveries of energy in kWh from the Company to the Facility, the net kWh for that interval shall be considered inflow. If the net meter registration for a net metering interval shows receipts of energy in kWh from the Facility to the Company, the net kWh for that interval shall be considered outflow.

N



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute 3<sup>rd</sup> Revised Sheet No. 381  
Canceling 3<sup>rd</sup> Substitute 2<sup>nd</sup> Revised Sheet No. 381

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**RATE IO – INFLOW/OUTFLOW BILLING OF ELIGIBLE DISTRIBUTED  
GENERATION FACILITIES (continued)**

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N  
N

**SALES AND PURCHASES (continued)**

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At the end of the monthly billing period:

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- All inflow kWh will be summed and the Customer will be charged, at the applicable tariffed rate for which the Customer is eligible, including applicable adjustment clauses and riders, for the electricity delivered by the Company.
- All outflow kWh will be summed and the Customer will receive an outflow purchase credit, expressed in dollars, at the outflow purchase rate for energy exported to the Company.
  - The Customer may use the outflow purchase credits to offset any applicable volumetric charges, including applicable adjustment clauses and riders, billed on a kWh basis.
  - Any unused outflow purchase credits may be carried forward, expressed in dollars, and applied to subsequent billing periods to offset any applicable volumetric charges, including applicable adjustment clauses and riders, billed on a kWh basis, in those billing periods until all outflow purchase credits are used or until the end of the annual period or termination of service.
  - At no time shall the Company be required to convert the outflow purchase credits to cash.

**OUTFLOW PURCHASE RATE**

**Retail Rate**

Until the Board approves a value of solar methodology and rate, the outflow purchase rate shall be the applicable retail volumetric rate for which the Customer is eligible, including applicable kWh based adjustment clauses and riders approved by the Board and applied to non-net metered customers. The outflow purchase rate for any Facility will continue to be the applicable retail volumetric rate for a term of twenty (20) years. Any change in ownership of the Facility, or adoption and use by the Company of a value-of solar rate, shall not impact the outflow purchase rate for the Facility during the twenty (20)-year term.

N



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute 3<sup>rd</sup> Revised Sheet No. 382  
Canceling 3<sup>rd</sup> Substitute 2<sup>nd</sup> Revised Sheet No. 382

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**RATE IO – INFLOW/OUTFLOW BILLING OF ELIGIBLE DISTRIBUTED  
GENERATION FACILITIES (continued)**

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**OUTFLOW PURCHASE RATE (continued)**

**Value of Solar**

If the Board is petitioned by an electric utility after July 1, 2027, or when the statewide distributed generation penetration rate is equal to five percent (5%), whichever is earlier, the Board shall initiate a proceeding to develop a value of solar methodology and rate as described in Section 476.49, Iowa Code. After the Board has approved a value of solar methodology and rate, the outflow purchase rate shall be set using the value of solar methodology. The outflow purchase rate for such a Facility will be fixed for a term of twenty (20) years regardless of any subsequent changes in the Company's outflow purchase rate or changes in ownership of such Facility.

**ANNUAL PERIOD**

The annual period shall be the period of twelve (12) consecutive monthly billing periods. The initial annual period begins when the Customer commences service under this tariff and may include fewer than twelve (12) consecutive monthly billing periods. The Customer may choose either a January or April date at the time of interconnection for the purposes of determining the annual period. Any outflow purchase credits remaining at the end of an annual period shall be forfeited.

**TERMINATION OF SERVICE**

When a Customer terminates service, any unused outflow purchase credits shall be forfeited.

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute 3<sup>rd</sup> Revised Sheet No. 383  
Canceling 3<sup>rd</sup> Substitute 2<sup>nd</sup> Revised Sheet No. 383

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**RATE IO – INFLOW/OUTFLOW BILLING OF ELIGIBLE DISTRIBUTED  
GENERATION FACILITIES (continued)**

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**CONTRACT TERMS AND CONDITIONS**

The provisions of this Rate IO shall be deemed to be terms and conditions of the written contract entered into by the Company for deliveries of energy from Facilities to the Company and purchases of energy by Customers from the Company. A copy of this tariff will be provided to the Customer. Service hereunder is subject to the terms and conditions outlined in 199 Iowa Administrative Code (IAC) Chapters 15 and 45 and Section 7 of this tariff, "Electric Interconnections."

The Facility shall deliver electricity to the Company on a best-efforts basis during the contract term.

Service hereunder is subject to the Electric Service Policies of the Company and applicable adjustment clauses and riders included in this electric tariff schedule.

The Customer shall be subject to the provisions of the Company's requirements for interconnection as the provisions exist and may change from time to time.

The Company shall own and have title to the renewable energy attributes, renewable energy credits, and greenhouse gas emission credits related to all outflow purchases.

Nothing in this tariff is intended to prevent an arms-length agreement between the Company and the Customer that sets forth either:

- Different prices, terms, and conditions for the provision of service, including but not limited to, the provision of appropriate metering equipment for nonresidential Customers; or
- The ownership or title of renewable energy credits.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute 3<sup>rd</sup> Revised Sheet No. 384  
Canceling 3<sup>rd</sup> Substitute 2<sup>nd</sup> Revised Sheet No. 384

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**RATE IO – INFLOW/OUTFLOW BILLING OF ELIGIBLE DISTRIBUTED  
GENERATION FACILITIES (continued)**

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**SUPPLYING INTERCONNECTION PLANS AND COMPANY APPROVAL**

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The Customer agrees to submit an interconnection request application not less than thirty (30) days prior to connection and for approval of the Company. The Facility and its interconnection plan are subject to written Company approval pursuant to the terms and conditions outlined in 199 Iowa Administrative Code (IAC) Chapters 15 and 45 and Section 7 of this tariff, "Electric Interconnections."

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute 3<sup>rd</sup> Revised Sheet Nos. 385-417  
Canceling 3<sup>rd</sup> Substitute 2<sup>nd</sup> Revised Sheets Nos. 374-417

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RESERVED FOR FUTURE USE





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## CLAUSE ETA – ELECTRIC TAX ADJUSTMENT

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### **APPLICABILITY**

To all electric rates.

### **ADJUSTMENT**

When any franchise, occupation, sales, license, excise, privilege or similar tax or fee of any kind is imposed upon the Company by any governmental authority based upon (i) the sale of electric service to customers, (ii) the amounts of electric energy sold to customers, (iii) the gross receipts, net receipts, or revenues to the Company therefrom, or when the Company is required pursuant to pre-existing agreements to provide service without charge, such tax or fee or value of service shall, insofar as practical, be charged on a pro rata basis to all customers receiving electric service from the Company within the boundaries of such taxing authority. Any such charge shall continue in effect only for the duration of such tax, assessment, or service period.

### **CURRENT APPLICABLE REQUIREMENTS**

#### **Iowa Sales Tax**

A state sales tax, as set forth in Section 423.2 of the Iowa Code, shall be applied to all billings for electric service, unless exempted under the provisions of Section 423.3, Iowa Code, and regulations applicable thereto.

#### **Local Option Sales Tax**

Where a local option tax, as set forth in Sections 423B.1 and 423B.5 of the Iowa Code, has been imposed in a county, it shall be applied to all billings for electric service to customers within the designated area(s) of application, unless exempted under the provisions of Section 423.3 Iowa Code, and regulations applicable thereto or where such billings are subject to a franchise or user fee and therefore exempt.



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**CLAUSE ETA – ELECTRIC TAX ADJUSTMENT (continued)**

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Franchise Requirements:

Ackley: A surcharge of 1% shall be applied to the gross revenue, less uncollectible amounts, derived from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Ackley, as required by Ordinance No. 458, commencing with gross revenue received on or after September 28, 2012.

Alleman: A surcharge of five percent (5%) shall be applied to the gross revenue, less uncollectible accounts, generated from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Alleman, as required by Ordinance No. 0022020, commencing with gross revenue received on or after October 28, 2020.

Altoona: A surcharge of 5% shall be applied to the gross receipts of the company, less uncollectible amounts derived from the delivery and sale of electric energy to customers within the current and future limits of the city of Altoona, as required by Ordinance No. 06-19-2017 #02 (458) commencing with gross revenue received on or after September 29, 2017.

Ankeny: A surcharge of 2% shall be based upon the gross revenue, minus uncollectible accounts, generated from the sales of electricity and distribution service to customers within the current and future corporate limits of the city of Ankeny as required by Ordinance No. 2207, commencing with gross revenue received on or after June 30, 2025.

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Audubon: A surcharge of 5% shall be applied to the gross receipts of the company, less uncollectible amounts derived from the delivery and sale of electric energy to customers within the current and future limits of the city of Audubon, as required by Ordinance No. 722 commencing with gross revenue received on or after May 3, 2016.



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**CLAUSE ETA – ELECTRIC TAX ADJUSTMENT (continued)**

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Franchise Requirements: (continued)

Avoca: A surcharge of five percent (5%) shall be applied to the gross revenue, less uncollectible accounts, generated from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Avoca, as required by Ordinance No. 2023-06, commencing with gross revenue received on or after March 1, 2024.

Beacon: A surcharge of 1% shall be applied to the gross revenue, less uncollectible amounts, derived from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Beacon, as required by Ordinance No. Article 6, commencing with gross revenue received on or after April 3, 2017.

Bevington: A surcharge of one percent (1%) shall be applied to the gross revenue, less uncollectible accounts, generated from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Bevington, as required by Ordinance No. 0104, commencing with gross revenue received on or after July 30, 2024.

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**CLAUSE ETA – ELECTRIC TAX ADJUSTMENT (continued)**

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Franchise Requirements: (continued)

Blanchard: A surcharge of 3% shall be applied to the gross revenue, less uncollectible amounts, derived from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Blanchard, as required by Ordinance No. 5212, commencing with gross revenue received on or after October 29, 2012. L  
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Blencoe: A surcharge of one percent (1%) shall be applied to the gross revenue, less uncollectible accounts, generated from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Blencoe, as required by Ordinance No. 2022-01, commencing with gross revenue received on or after September 29, 2022. L  
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Boyden: A surcharge of 5% shall be applied to the gross receipts, less uncollectable amounts, derived by the delivery and sale of electric energy to customers within the corporate limits of the city of Boyden, as required by Ordinance No. 2015-02, commencing with gross revenue received on or after April 4, 2016. The surcharge shall not be assessed initially on electric energy used by City Accounts in Boyden. L  
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Camanche: A surcharge of two percent (2%) shall be applied to the gross revenue, less uncollectable accounts, generated from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Camanche, as required by Ordinance No. 774, commencing with gross revenue received on or after December 31, 2020. L  
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**CLAUSE ETA – ELECTRIC TAX ADJUSTMENT (continued)**

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Franchise Requirements: (continued)

Carlisle: A surcharge of 4% shall be applied to the gross revenue, less uncollectible amounts, derived from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Carlisle, as required by Ordinance No. 673, commencing with gross revenue received on or after March 5, 2015.

Carroll: A surcharge of one percent (1%) shall be applied to the gross revenue, less uncollectible accounts, generated from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Carroll, as required by Ordinance No. 2011, commencing with gross revenue received on or after February 2, 2021.

Cherokee: A surcharge of 5% shall be applied to the gross receipts of the company from the transmission, distribution, delivery, or sale of electric energy to customers within the corporate limits of the city of Cherokee, excluding the sale of electric energy to the city for its own use, as required by Ordinance No. 590 commencing with gross receipts received on or after July 1, 2016.

Charles City: A surcharge of five percent (5%) shall be applied to the gross revenue, less uncollectible accounts, generated from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Charles City, as required by Ordinance No. 1170, commencing with gross revenue received on or after June 28, 2024.

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**CLAUSE ETA – ELECTRIC TAX ADJUSTMENT (continued)**

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## Franchise Requirements: (continued)

Clarion

A surcharge of five percent (5%) shall be applied to the gross revenue, less uncollectible amounts, generated from the sales of electricity and distribution service to customers within the corporate limits of the city of Clarion, as required by Ordinance No. 572 commencing with gross revenues received on or after August 30, 2017.

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TClive

A surcharge of five percent (5%) shall be applied to the gross receipts, less uncollectible amounts, derived from the delivery and sale of electric energy to customers within the current or future limits of the city of Clive, as required by Ordinance No. 1062, commencing with receipts on or after January 1, 2011.

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TColfax

A surcharge of five percent (5%) shall be applied to the gross revenue, less uncollectible amounts, generated from the sales of electricity and distribution service to customers within the corporate limits of the city of Colfax, as required by Ordinance No. 608 commencing with gross revenues received on or after October 31, 2016.

T  
TCoralville

A surcharge of one percent (1%) shall be applied to the gross revenue generated from the sales of electricity within the city of Coralville, as required by Ordinance No. 2010-1010, commencing with gross revenues received on or after July 1, 2010.

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LCouncil Bluffs

A surcharge of two percent (2%) shall be applied to customers' electric service furnished within the city of Council Bluffs required under Ordinance No. 5880 and Resolution No. 18-39, effective February 12, 2018. The surcharge shall not be assessed to the public school facilities or to Pottawattamie County facilities within Council Bluffs' corporate limits. A surcharge dollar cap shall be applied to High Volume Users and Affiliated Entities within the city of Council Bluffs required under Ordinance No. 6149, effective February 27, 2012.

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CLAUSE ETA – ELECTRIC TAX ADJUSTMENT (continued)

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Franchise Requirements: (continued)

Cushing

A surcharge of two percent (2%) shall be based upon the gross revenue, minus uncollectible accounts, generated from the sales of electricity and distribution service to customers within the current and future corporate limits of the city of Cushing, as required by Ordinance No. 2024:04, commencing with gross revenue received on or after April 1, 2025.

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Danbury

A surcharge of three percent (3%) shall be applied to the gross revenue, less uncollectible amounts, generated from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Danbury, as required by Ordinance No. 2018-1, commencing with gross revenue received on or after March 4, 2019.

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Des Moines

A surcharge of five percent (5%) shall be applied to the gross revenue, less uncollectible accounts, generated from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Des Moines, as required by Ordinance No. 16,134, commencing with gross revenue received on or after June 16, 2022.

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Dunlap

A surcharge of four percent (4%) shall be applied to the gross revenue, less uncollectible accounts, generated from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Dunlap, as required by Ordinance No. 207, commencing with gross revenue received on or after October 27, 2023.

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

3<sup>rd</sup> Revised Sheet No. 420.2  
Canceling 2<sup>nd</sup> Revised Sheet No. 420.2

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CLAUSE ETA – ELECTRIC TAX ADJUSTMENT (continued)

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Franchise Requirements: (continued)

Early: A surcharge of 3% shall be applied to all billings for electric service furnished within the city of Early required under Ordinance No. 261, effective March 1, 2005. The surcharge shall not be assessed to the public school system or to Sac County facilities owned and operated within Early's corporate limits.

Elk Run Heights: A surcharge of one percent (1%) shall be applied to the gross revenue, less uncollectible accounts, generated from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Elk Run Heights, as required by Ordinance No. 271, commencing with gross revenue received on or after August 31, 2021.

Gilbertville: A surcharge of one percent (1%) shall be applied to the gross revenue, less uncollectible accounts, generated from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Gilbertville, as required by Ordinance No. 361, commencing with gross revenue received on or after November 29, 2023.

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Glenwood: A surcharge of 5% shall be applied to the gross revenue, less uncollectible amounts, derived from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Glenwood, as required by Ordinance No. 875, commencing with gross revenue received on or after June 30, 2017.





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**CLAUSE ETA – ELECTRIC TAX ADJUSTMENT (continued)**

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Franchise Requirements: (continued)

Griswold

A surcharge of 3% shall be applied to the gross revenue, less uncollectible accounts, generated from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Griswold, as required by Ordinance No. 1-2018, commencing with gross revenue received on or after November 29, 2018.

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Hampton

A surcharge of 5% shall be applied to the gross receipts of the company derived from the sale of electric energy to customers within the current and future limits of the city of Hampton, as required by Ordinance No. 359 commencing with gross revenue received on or after December 1, 2015.

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Hartford

A surcharge of 5% shall be applied to the gross receipts of the company, minus uncollectable amounts, derived from the delivery and sale of electric energy to customers within the current and future limits of the city of Hartford, as required by Ordinance No. 95 and Amended Ordinance No. 97, commencing with gross revenue received on or after January 2, 2015.

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Hastings

A surcharge of 5% shall be applied to the gross revenue, less uncollectible amounts, derived from the delivery and sale of electric energy to all residential customers within the current and future corporate limits of the city of Hastings, as required by Ordinance No. 2012-6, commencing with gross revenue received on or after January 2, 2013.

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Commission

Original Sheet No. 421.01

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## CLAUSE ETA – ELECTRIC TAX ADJUSTMENT (continued)

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### Franchise Requirements: (continued)

#### Holstein

A surcharge of one percent (1%) shall be based upon the gross revenue, minus uncollectible accounts, generated from the sales of electricity and distribution service to customers within the current and future corporate limits of the city of Holstein, as required by Ordinance No. 258, commencing with gross revenue received on or after September 27, 2024.

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#### Hull

A surcharge shall be applied to the gross receipts, less uncollectable amounts, derived from the delivery and sale of electric energy to customers within the corporate limits of the city of Hull, as required by Ordinance No. 324, commencing with gross revenue received on or after December 1, 2011, as follows:

|                  |      |
|------------------|------|
| Residential      | 5%   |
| Commercial       | 1.5% |
| Industrial       | 1.5% |
| Public Authority | 1.5% |

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**CLAUSE ETA – ELECTRIC TAX ADJUSTMENT (continued)**

## Franchise Requirements: (continued)

Indianola: A surcharge of 5% shall be applied to the gross receipts of the company, minus uncollectable amounts, derived from the delivery and sale of electric energy to customers within the current and future limits of the city of Indianola, as required by Ordinance No. 1488, commencing with gross revenue received on or after January 2, 2015.

**Inwood:** A surcharge shall be applied to the gross receipts, less uncollectible amounts, derived from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Inwood, as required by Ordinance No. 221, commencing with gross revenue received on or after October 29, 2012, as follows:

|                    |    |
|--------------------|----|
| Residential        | 5% |
| Non-residential    | 3% |
| Public Authorities | 0% |

**Iowa City:** A surcharge of 1% shall be applied to the gross revenue of the company, minus uncollectible accounts, derived from the distribution, delivery, and retail sale of electricity by the company. The surcharge shall be assessed to customers within the current or future corporate limits of the city of Iowa City, as required by Ordinance No. 10-4382, commencing with gross revenue received on or after June 1, 2010.

Ireton: A surcharge shall be applied to the gross receipts, less uncollectible amounts, derived from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Ireton, as required by Ordinance No. I-O-13-04, commencing with gross revenue received on or after June 2, 2014, as follows:

|                                      |    |
|--------------------------------------|----|
| Residential                          | 5% |
| Non-residential                      | 3% |
| Public and private school facilities | 0% |



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Commission

1<sup>st</sup> Revised Sheet No. 422.05  
Canceling Original Sheet No. 422.05

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**CLAUSE ETA – ELECTRIC TAX ADJUSTMENT (continued)**

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Franchise Requirements: (continued)

Johnston

A surcharge of five percent (5%) shall be based upon the gross revenue, minus uncollectible accounts, generated from the sales of electricity and distribution service to customers within the current and future corporate limits of the city of Johnston, as required by Ordinance No. 1129, commencing with gross revenue received on or after June 1, 2025.

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**CLAUSE ETA – ELECTRIC TAX ADJUSTMENT (continued)**

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Franchise Requirements: (continued)

Knoxville: A surcharge of 5% shall be applied to the gross receipts of the company, minus uncollectable accounts, derived from the delivery and sale of electric energy to customers within the current and future limits of the city of Knoxville, as required by Ordinance No. 12-05, commencing with gross revenue received on or after July 31, 2012.

Lake City: A surcharge of 3% shall be applied to the gross receipts of the company, minus uncollectable accounts, derived from the delivery and sale of electric energy to customers within the current and future limits of the city of Lake City, as required by Ordinance No. 371, commencing with gross revenue received on or after June 3, 2015.

Lewis: A surcharge of 4% shall be applied to the gross receipts of the company, minus uncollectable accounts, derived from the delivery and sale of electric energy to customers within the current and future limits of the city of Lewis, as required by Ordinance No. 2017-1 commencing with gross revenue received on or after February 1, 2018.

Logan: A surcharge of 5% to residential customers and 2% to non-residential customers shall be applied to the gross revenue, less uncollectable accounts, generated from the sales of electric energy and distribution service to customers within the current and future corporate limits of the city of Logan, as required by Ordinance No. 468, commencing with gross revenue received on or after January 1, 2020.

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Lohrville: A surcharge of 3% shall be applied to the gross receipts of the company, minus uncollectable accounts, derived from the delivery and sale of electric energy to customers within the current and future limits of the city of Lohrville, as required by Ordinance No. 111 and Resolution 15-10, commencing with gross revenue received on or after May 4, 2015.

Lytton: A surcharge of 5% shall be applied to the gross revenue, less uncollectable accounts, generated from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Lytton, as required by Ordinance No. 19-03 commencing with gross revenue received on or after August 29, 2019.



MIDAMERICAN ENERGY COMPANY  
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Filed with the Iowa Utilities Commission

1<sup>st</sup> Revised Sheet No. 422.11  
Canceling Original Sheet No. 422.11

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## CLAUSE ETA – ELECTRIC TAX ADJUSTMENT (continued)

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### Franchise Requirements: (continued)

#### Malvern

A surcharge of three percent (3%) shall be applied to the gross revenue, less uncollectible accounts, generated from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Malvern, as required by Ordinance No. 334, commencing with gross revenue received on or after July 30, 2024.

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#### Melcher-Dallas

A surcharge of four percent (4%) shall be applied to the gross receipts of the company, minus uncollectable accounts, derived from the delivery and sale of electric energy to customers within the current and future limits of the city of Melcher-Dallas, as required by Ordinance No. 145 and Resolution 2017-95, commencing with gross revenue received on or after February 1, 2018.

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#### Missouri Valley

A surcharge of five percent (5%) shall be applied to the gross revenue, less uncollectible accounts, generated from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Missouri Valley, as required by Ordinance Nos. 561 and 570, commencing with gross revenue received on or after June 2, 2021.

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#### Mitchellville

A surcharge of three percent (3%) shall be applied to the gross receipts of the company, minus uncollectable amounts, derived from the delivery and sale of electric energy to customers within the current and future limits of the city of Mitchellville, as required by Ordinance No. 2099, commencing with gross revenue received on or after July 31, 2013.

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Commission

10<sup>th</sup> Revised Sheet No. 423  
Canceling 9<sup>th</sup> Revised Sheet No. 423

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**CLAUSE ETA – ELECTRIC TAX ADJUSTMENT (continued)**

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Norwalk

A surcharge of one percent (1%) shall be based upon the gross revenue, minus uncollectible accounts, generated from the sales of electricity and distribution service to customers within the current and future corporate limits of the city of Norwalk, as required by Ordinance No. 25-6, commencing with gross revenue received on or after June 30, 2025.

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N  
N  
N  
N

Oakland

A surcharge of two percent (2%) shall be applied to the gross revenue, less uncollectible accounts, generated from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Oakland, as required by Ordinance No. 52, commencing with gross revenue received on or after April 2, 2019.

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Oskaloosa

A surcharge of five percent (5%) shall be applied to the gross revenue, less uncollectible accounts, generated from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Oskaloosa, as required by Ordinance No. 1462, commencing with gross revenue received on or after September 28, 2023.

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**CLAUSE ETA – ELECTRIC TAX ADJUSTMENT (continued)**

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Franchise Requirements: (continued)

Palmer

A surcharge of one percent (1%) shall be based upon the gross revenue, minus uncollectible accounts, generated from the sales of electricity and distribution service to customers within the current and future corporate limits of the city of Palmer, as required by Ordinance No. 64, commencing with gross revenue received on or after April 30, 2025.

N  
N  
N  
N  
N  
N

Pleasant Hill

A surcharge of five percent (5%) shall be applied to all billings for electric service furnished within the city of Pleasant Hill required under City Ordinance Nos. 822 and 829, effective June 30, 2017. The surcharge shall not be assessed to public or public financed colleges, universities and schools.

T  
T

Polk City

A surcharge of one percent (1%) shall be applied to the gross revenue, less uncollectable accounts, generated from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Polk City, as required by Ordinance Amending Section 110.13 and Section 111.13, commencing with gross revenue received on or after March 3, 2020.

T  
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Prairie City

A surcharge of one percent (1%) shall be applied to the gross receipts of the company, minus uncollectable amounts, derived from the delivery and sale of electric energy to customers within the current and future limits of the city of Prairie City, as required by Ordinance No. 343, commencing with gross revenue received on or after April 3, 2017.

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Red Oak

A surcharge of five percent (5%) shall be applied to the gross revenue, less uncollectible accounts, generated from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Red Oak, as required by Ordinance No. 636, commencing with gross revenue received on or after April 30, 2024.

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**CLAUSE ETA – ELECTRIC TAX ADJUSTMENT (continued)**

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Franchise Requirements: (continued)

Rock Valley: A surcharge of 5% shall be applied to all billings for electric service furnished within the city of Rock Valley to cover electric franchise fee payments required under City Ordinance No. 343, effective June 1, 2004.

Sergeant Bluff: A surcharge shall be applied to the gross receipts, less uncollectible amounts, derived from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Sergeant Bluff, as required by Ordinance No. 592, commencing with gross revenue received on or after September 30, 2015, as follows:

|                 |    |
|-----------------|----|
| Residential     | 5% |
| Non-residential | 3% |
| Public Schools  | 0% |

This ordinance exempts Sergeant Bluff-Luton Community School District facilities from the franchise fee.

Sioux City: A surcharge of 5% shall be applied to the gross receipts of the company, minus uncollectable amounts, derived from the delivery and sale of electric energy to customers within the current and future limits of the city of Sioux City, as required by Ordinance No. 2014-0484, commencing with gross revenue received on or after August 29, 2014.

Sidney: A surcharge of five percent (5%) shall be applied to the gross revenue, less uncollectible accounts, generated from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Sidney, as required by Ordinance No. 242, commencing with gross revenue received on or after October 23, 2023.

N  
N  
N  
N  
N

Somers: A surcharge of 5% shall be applied to the gross revenue, less uncollectible accounts, generated from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Somers, as required by Ordinance No. 136, commencing with gross revenue received on or after July 1, 2020.



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**CLAUSE ETA – ELECTRIC TAX ADJUSTMENT (continued)**

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Franchise Requirements: (continued)

Storm Lake: A surcharge of 5% shall be applied to the gross revenue, less uncollectible amounts, derived from the delivery and sale of electric energy to all customers within the current and future corporate limits of the city of Storm Lake, as required by Ordinance No. 05-O-2016-2017, commencing with gross revenue received on or after October 30, 2017.

Sutherland: A surcharge of 3% shall be applied to the gross revenue, less uncollectible amounts, derived from the delivery and sale of electric energy to all customers within the corporate limits of the city of Sutherland as required by Ordinance No. 2017-001, commencing with gross revenue received on or after August 1, 2017. The surcharge shall not be applied to city accounts.

Tabor: A surcharge of 5% shall be applied to the gross revenue, less uncollectible amounts, derived from the delivery and sale of electric energy to all customers within the current and future corporate limits of the city of Tabor as required by Amendment to Electric Franchise No. 181A, commencing with gross revenue received on or after February 2, 2017. The surcharge shall not be applied to city accounts.

Thurman: A surcharge of two percent (2%) shall be applied to the gross revenue, less uncollectible accounts, generated from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Thurman, as required by Ordinance No. 20231106, commencing with gross revenue received on or after June 28, 2024.

N  
N  
N  
N  
N

Treynor: A surcharge of four percent (4%) shall be applied to the gross revenue, less uncollectible accounts, generated from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Treynor, as required by Ordinance No. 174, commencing with gross revenue received on or after December 30, 2022.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Commission

4<sup>th</sup> Revised Sheet No. 424.20  
Canceling 3<sup>rd</sup> Revised Sheet No. 424.20

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CLAUSE ETA – ELECTRIC TAX ADJUSTMENT (continued)

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Franchise Requirements: (continued)

Van Meter

A surcharge of 5% shall be applied to the gross revenue, less uncollectible amounts, derived from the delivery and sale of electric energy to all customers within the current and future corporate limits of the city of Van Meter, as required by Ordinance No. 249, commencing with gross revenue received on or after August 31, 2015.

Walnut

A surcharge of five percent (5%) shall be applied to the gross revenue, less uncollectible accounts, generated from the delivery and sale of electric energy to customers within the current and future corporate limits of the city of Walnut, as required by Ordinance No. 175, commencing with gross revenue received on or after August 29, 2023.

Waterloo

A surcharge of 4% shall be applied to the gross revenue, less uncollectible amounts, derived from the delivery and sale of electric energy to all customers within the current and future corporate limits of the city of Waterloo, as required by Ordinance No. 5453, commencing with gross revenue received on or after August 29, 2018.

Westphalia

A surcharge of two percent (2%) shall be based upon the gross revenue, minus uncollectible accounts, generated from the sales of electricity and distribution service to customers within the current and future corporate limits of the city of Westphalia, as required by Ordinance No. 471-2, commencing with gross revenue received on or after August 28, 2024.

West Des Moines

A surcharge of one percent (1%) shall be based upon the gross revenue, minus uncollectible accounts, generated from the sales of electricity and distribution service to customers within the current and future corporate limits of the city of West Des Moines, as required by Ordinance No. 2618, commencing with gross revenue received on or after October 28, 2024.

N  
N  
N  
N  
N



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Commission

Original Sheet No. 424.21

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CLAUSE ETA – ELECTRIC TAX ADJUSTMENT (continued)

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Franchise Requirements: (continued)

Windsor Heights

A surcharge of 5% shall be applied to all residential billings and a surcharge of 3% shall be applied to all commercial, public authority and industrial billings for electric service furnished within the city of Windsor Heights required under Ordinance No. 05-05, effective May 1, 2005. The surcharge shall not be applied to the public school system.

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L  
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L



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## CLAUSE TCA – TRANSMISSION COST ADJUSTMENT

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### APPLICATION

To all price schedules for electric service. The Transmission Cost Adjustment (TCA) will be applied to all kW or kWh sales, depending upon rate class, under retail electric rate schedules. The cost recovery factors are applied on a monthly basis to either base kWh or base kW units, depending upon customer class, for the purpose of billing. The TCA factor shall be applied as a separate charge. The cost recovery factors shall be determined annually per the formulae below and shall apply monthly to bills. All provisions of the customer's current applicable rate schedule will apply in addition to this charge.

### TRANSMISSION COST ADJUSTMENT FACTOR:

Annually, the TCA kWh factor for a customer class shall be calculated as follows:

Where:

$$T_{ce} = \frac{[M - E] \times R_{ce} \pm A_c}{S_{ce}}$$

$T_{ce}$  = Transmission Cost Adjustment Charge Per kWh: The amount in dollars per kWh, rounded to the nearest \$0.00001, to be charged for each kWh in any monthly billing period to customer class "c" for forecasted transmission costs allocated to the customer class "c".

M = MISO costs in Dollars: The sum of the forecasted MISO Schedule 9, Schedule 10, Schedule 10-FERC, Schedule 26 and Schedule 26-A costs assessed to MidAmerican on behalf of its Iowa retail load each year.

E = MISO Schedule 26 and Schedule 26-A A&G Revenues in Dollars: The portion of total Company transmission administrative and general expense recovered under MISO Schedule 26 and MISO Schedule 26-A included in M.

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute Original Sheet No. 426  
Canceling Original Sheet No. 426

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### CLAUSE TCA – TRANSMISSION COST ADJUSTMENT (continued)

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- $A_c$  = Annual Adjustment Factor in Dollars: The over- or under-collection for customer class “c” for the previous year calculated as the actual transmission expenses attributable to customer class “c” compared to actual revenue recovery from the transmission cost adjustment for customer class “c” from the previous 12 month period ending in December.
- $R_{ce}$  = Class Allocation: The allocated share to customer class “c” based on 12 CP methodology using the actual system load factor and actual class and total retail peak demands and kWh sales from the most recent calendar year historical period for which such data is available.
- $S_{ce}$  = Retail Sales in kWh: The normal weather Iowa jurisdictional retail sales for customer class “c” as forecasted by MidAmerican for the upcoming year in which  $T_{ce}$  will be used.

D



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet No. 427  
Canceling Substitute Original Sheet No. 427

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### CLAUSE TCA – TRANSMISSION COST ADJUSTMENT (continued)

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Annually, the TCA kW factor for a customer class shall be calculated as follows:

Where:

$$T_{cd} = \frac{[M - E] \times R_{cd} \pm A_c}{S_{cd}}$$

$T_{cd}$  = Transmission Cost Adjustment Charge Per kW: The amount in dollars per kW, rounded to the nearest \$0.01, to be charged for each kW in any monthly billing period to customer class “c” for forecasted transmission costs allocated to the customer class “c”.

M = MISO costs in Dollars: The sum of the forecasted MISO Schedule 9, Schedule 10, Schedule 10-FERC, Schedule 26 and Schedule 26-A costs assessed to MidAmerican on behalf of its Iowa retail load each year.

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E = MISO Schedule 26 and Schedule 26-A A&G Revenues in Dollars: The portion of total Company transmission administrative and general expense recovered under MISO Schedule 26 and MISO Schedule 26-A included in M.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute Original Sheet No. 428  
Canceling Original Sheet No. 428

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### **CLAUSE TCA – TRANSMISSION COST ADJUSTMENT (continued)**

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- $A_c$  = Annual Adjustment Factor in Dollars: The over- or under-collection for customer class “c” for the previous year calculated as the actual transmission expenses attributable to customer class “c” compared to actual revenue recovery from the transmission cost adjustment for customer class “c” from the previous 12 month period ending in December.
- $R_{cd}$  = Class Allocation: The allocated share to customer class “c” based on 12 CP methodology using the actual system load factor and actual class and total retail peak demands and kW sales from the most recent calendar year historical period for which such data is available.
- $S_{cd}$  = Retail Sales in kW: The normal weather Iowa jurisdictional retail sales for customer class “c” as forecasted by MidAmerican for the upcoming year in which  $T_{cd}$  will be used.

D





MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute Original Sheet No. 429  
Canceling Original Sheet No. 429

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**CLAUSE TCA – TRANSMISSION COST ADJUSTMENT (continued)**

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**RECONCILIATION:**

Beginning on or before February 15, of each year and continuing each year thereafter where the Transmission Cost Adjustment remains in effect, the Company shall include an annual reconciliation report with its proposed rates for April 1. Such filing shall reconcile actual Transmission Cost Adjustment costs allowed and actual customer class revenues collected for the previous twelve months ending December. The reconciliation shall be the adjustment factor "A" defined above and included in the calculation of new rates.

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D



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Commission

15<sup>th</sup> Revised Sheet No. 430  
Canceling 14<sup>th</sup> Revised Sheet No. 430

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**CLAUSE TCA – TRANSMISSION COST ADJUSTMENT (continued)**

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**CURRENT APPLICABLE TRANSMISSION COST ADJUSTMENT FACTORS:**

| <b>Class</b>   | <b>Rates</b> | <b>\$/kWh</b> | <b>\$/kW</b> |   |
|--|--------------|---------------|--------------|---|
| Residential Service when annual usage is equal to or less than 50,000 kWh                          | RS, RST, RMS | \$ 0.00335    | n/a          | I |
| Small General Service, Energy and Residential Service when annual usage is greater than 50,000 kWh | GE, GET      | \$ 0.00271    | n/a          | I |
| Small General Service, Demand  | GD, GDT      | n/a           | \$ 1.24      | I |
| Large General Service  | DAP, LS, LST | n/a           | \$ 1.01      | I |
| Substation Service   | SS, SST      | n/a           | \$ 1.01      | I |
| Individual Customer Rates  | ICR          | n/a           | \$ 1.03      | I |
| Traffic Control Service  | TC           | \$ 0.00199    | n/a          | I |
| Water Pumping Service  | MWP          | \$ 0.00183    | n/a          | I |
| Lighting   | SL, AL       | \$ 0.00033    | n/a          | R |



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Substitute Original Sheet No. 431  
Canceling Original Sheet No. 431

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## CLAUSE EAC – ENERGY ADJUSTMENT

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### APPLICATION

To all price schedules for electric service. The Energy Adjustment clause (EAC) will be applied monthly to all kilowatt-hour sales, under all rates, riders, and individual contracts on file with the Iowa Utilities Board where the charge for such energy is subject to adjustment for increases and decreases in the cost of fuel. The cost recovery factor is applied on a monthly basis as a separately billed charge to all kilowatt-hours, for the purpose of billing. The cost recovery factor shall be determined annually per the formula below and shall be filed with the Iowa Utilities Board no later than five business days before the first billing cycle begins each March. All provisions of the customer's current applicable rate schedule will apply in addition to this charge.

T

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### ENERGY ADJUSTMENT CLAUSE FACTOR:

Annually, the estimated Iowa jurisdictional cost of energy, plus the prior year's cumulative excess or deficiency which arises out of the difference between the actual costs and actual recoveries, will be divided by the estimated annual jurisdictional electric energy consumed under rates set by the Iowa Utilities Board to calculate the annual energy adjustment clause factor. The resulting factor E will be filed with the Iowa Utilities Board no later than five days before the first March billing cycle.

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|

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N

Monthly, the charges for all kilowatt-hours of energy supplied to designated customers shall be increased or decreased by the annual energy adjustment charge or credit to the nearest \$0.00001 determined as follows:

T

Where:

$$E = \frac{EC + A}{EJ} - B$$

T

T

D

Where the letter E precedes the letters C and J, the quantity is estimated.

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**CLAUSE EAC – ENERGY ADJUSTMENT (continued)**

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**Component Definitions:**

All references to account numbers mean the Uniform System of Accounts for Electric Utilities.

A = the cumulative account balance at the beginning of the year of any excess or deficiency which arises out of the difference between the actual Iowa jurisdictional cost of energy (C) and the actual recovery from the energy adjustment clause applied to actual jurisdictional electric energy consumed (J). T

Annually, the Company will reconcile actual costs with actual recoveries and establish a new factor A. The new factor A will be updated in the annual calculation of the new energy adjustment factor E. N  
N  
N

B = the amount of the electric energy cost included in the applicable base rate schedules. B is currently zero (0).

C = the Iowa jurisdictional cost of energy will include:  
Natural gas used for electrical generation and fossil fuel in accounts 501101 and 501020 or transferred from account 151 to account 501 or 547. D

Nuclear fuel in account 518 which is not already included in fossil fuel.

The direct cost of purchasing or otherwise acquiring, for utility operations purposes, emission allowances, including the emission allowances allocated to the utility by the United States Environmental Protection Agency, limited to the following:

- a) The costs cleared from Account 158.1 - Allowance Inventory, and charged to Account 509 - Allowances, concurrent with the monthly emission of sulfur dioxide;
- b) The gains cleared from Account 254 - Other Regulatory Liabilities, and credited to Account 411.8 - Gains from Disposition of Allowances; and
- c) The losses charged to Account 411.9 - Losses from Disposition of Allowances

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**CLAUSE EAC – ENERGY ADJUSTMENT (continued)**

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The cost of contract, emergency and economy energy purchased in account 555. Purchases of capacity and energy from qualifying alternate energy production facilities shall be included.

The cost of energy produced for non-jurisdictional sales, including sales for resale, is not includable in the energy adjustment clause.

The cost of energy will be adjusted by revenues from the sale of renewable energy credits, carbon dioxide credits or other environmentally related benefits associated with MidAmerican Energy's renewable power projects and private generation outflow purchases under Rate IO as entered into accounts 456, 411.8 and 411.9.

The cost of energy will be adjusted by the pre-tax amount of any federal production tax credits associated with renewable power projects as entered into account 409.1, grossed up at the Gross Revenue Conversion Factor ("GRCF"), calculated as  $1/[(1-SIT) \times (1-FIT)]$ , where SIT is equal to the effective Iowa State Income Tax Rate in effect during the Tax Period and FIT is equal to the Federal Income Tax Rate in effect during the Tax Period, reduced for any negative energy settlements from those renewable power projects that result during the period the projects are eligible for the production tax credit, as recorded in account 447.043. However, this adjustment will not include federal production tax credits associated with the 706 GE SLE and S-type 1.5 MW turbines, the 510 Siemens turbines, or the fifty (50) Mitsubishi turbines listed below in the event the turbines are repowered and the repowered assets are not included in rate base for determining base rates.

**Turbines Subject to Potential Repowering**

| Rate-making<br>Principle Docket | Name of Wind<br>Farm | MW    | Number of<br>Turbines | Model     |
|---------------------------------|----------------------|-------|-----------------------|-----------|
| Wind I                          | Intrepid             | 160.5 | 107                   | GE 1.5s   |
| Wind I                          | Century              | 150   | 100                   | GE 1.5s   |
| Wind III                        | Victory              | 99    | 66                    | GE 1.5sle |
| Wind III                        | Pomeroy              | 123   | 82                    | GE 1.5sle |
| Wind IV                         | Pomeroy              | 126   | 84                    | GE 1.5sle |
| Wind IV                         | Century              | 15    | 10                    | GE 1.5sle |
| Wind IV                         | Charles City         | 75    | 50                    | GE 1.5sle |
| Wind IV                         | Carroll              | 150   | 100                   | GE 1.5sle |
| Wind V                          | Walnut               | 100.5 | 67                    | GE 1.5sle |
| Wind V                          | Pomeroy              | 7.5   | 5                     | GE 1.5sle |
| Wind VI                         | Walnut               | 52.5  | 35                    | GE 1.5sle |
| Total                           |                      | 1059  | 706                   |           |

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**CLAUSE EAC – ENERGY ADJUSTMENT (continued)**

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| Ratemaking<br>Principle Docket | Name of Wind<br>Farm | MW      | Number of<br>Turbines | Model            |
|--------------------------------|----------------------|---------|-----------------------|------------------|
| Wind IV                        | Adair                | 174.8   | 76                    | Siemens 2.3 93m  |
| Wind VII                       | Rolling Hills        | 443.9   | 193                   | Siemens 2.3 101m |
| Wind VII                       | Pomeroy IV           | 29.9    | 13                    | Siemens 2.3 101m |
| Wind VII                       | Laurel               | 119.6   | 52                    | Siemens 2.3 101m |
| Wind VII                       | Vienna               | 105.6   | 45                    | Siemens 2.3 108m |
| Wind VII                       | Morning Light        | 101.2   | 44                    | Siemens 2.3 108m |
| Wind VII                       | Eclipse              | 200.1   | 87                    | Siemens 2.3 108m |
| Total                          |                      | 1,175.1 | 510                   |                  |

| Ratemaking<br>Principle Docket | Name of Wind<br>Farm | MW | Number of<br>Turbines | Model               |
|--------------------------------|----------------------|----|-----------------------|---------------------|
| Wind II                        | Century              | 35 | 35                    | Mitsubishi MWT-100A |
| Wind II                        | Intrepid             | 15 | 15                    | Mitsubishi MWT-100A |
| Total                          |                      | 50 | 50                    |                     |

D = the monthly excess or deficiency which is entered into the cumulative account balance A

$$D = C_2 - [J_2 * (E_2 + B_2)]$$

Where subscripts are used to denote the applicable billing month or calendar month:

Subscript 2 means the second prior month.

E = monthly energy adjustment charge, calculated annually.

J = the jurisdictional electric energy consumed under rates set by the Iowa Utilities Board.



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Commission

Substitute 14<sup>th</sup> Revised Sheet No. 434  
Canceling 13<sup>th</sup> Revised Sheet No. 434

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**CLAUSE EAC – ENERGY ADJUSTMENT CLAUSE (continued)**

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**APPLICABLE ANNUAL ENERGY ADJUSTMENT CLAUSE FACTOR:**

| <b>Class</b> | <b>\$/kWh</b> |   |
|--------------|---------------|---|
| All Rates    | \$ 0.00802    | I |



MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

14<sup>th</sup> Revised Sheet No. 435  
Canceling 13<sup>th</sup> Revised Sheet No. 435

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## CLAUSE EECR – ENERGY EFFICIENCY COST RECOVERY

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### APPLICABILITY

To all electric rates.

### ENERGY EFFICIENCY COST RECOVERY

Costs are the unrecovered amount of energy efficiency expenditures including carrying costs for ongoing costs of current programs. The annual portion of costs are allocated to the major class categories for recovery. The class costs are converted to a per kWh basis using sales forecasted for the recovery year.

### ENERGY EFFICIENCY COST RECOVERY FACTORS

|  | <u>Residential</u>                   | <u>Non-Residential</u>     | <u>Lighting</u>                         |                   |
|--|--------------------------------------|----------------------------|---|-------------------|
| Total On-going<br><u>MidAmerican Costs</u> | RS, RST,<br>RMS, GE*,<br><u>GET*</u> | GE, GD, GET,<br><u>GDT</u> | LS, LST, SS,<br>SST, ICR,<br><u>MWP</u> | <u>SL, AL, TC</u> |
| Energy Efficiency Charge                   | \$0.00164                            | \$0.00075                  | \$0.00075                               | \$0.00004 I/I/I   |
| Demand Response Charge                     | \$0.00102                            | \$0.00056                  | \$0.00056                               | I/I/I             |

\*Residential Customers that have been placed on Rates GE or GET because their annual usage is greater than 50,000 kWh will be charged the Residential EECR factors.

### RECONCILIATION

A reconciliation will be filed annually. The energy efficiency costs recovered from customers during the prior period will be compared to those which were allowed to be recovered. Any over/under collection, any ongoing costs, and any change in forecast sales, will be used to adjust the current energy efficiency cost recovery factors.



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**CLAUSE LGC – LOCAL GOVERNMENT COMPLIANCE**

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**APPLICABILITY**

To all electric rates. This clause is not applicable to governmental units requesting a relocation that is covered by contractual provisions of a franchise agreement and such franchise agreements shall supersede this tariff. N  
N  
N

**LOCAL GOVERNMENT COMPLIANCE CLAUSE**

In the event a governmental unit enacts an ordinance or otherwise utilizes its constitutional or statutory powers to compel Company, directly or indirectly, to relocate existing facilities or convert existing overhead facilities to underground, and elects by passing a motion, resolution, amendment or ordinance that the customers within the boundaries of the governmental unit will be charged the costs, as provided in sheet nos. 92 – 94 of Section 5 – Existing System Modifications, the costs of making such relocations and conversions shall be charged to all Company's customers who purchase electricity for use or consumption within the boundaries of such governmental unit on a per kilowatt-hour (kWh) basis until the cost of such relocations and conversions are fully recovered by the Company. T  
T  
T  
T  
T  
T  
T  
T

The charges due under this clause will be determined as follows: T

$$L_t = \frac{C}{S_t}$$

Where:

$L_t$  = Local Government Compliance Charge per kWh: The amount in dollars per kWh, rounded to the nearest \$0.00001, to be charged for each kWh in any monthly billing period during time period "t" due to the costs of the relocation or conversion of facilities compelled by the governmental unit directly or indirectly. T

$C$  = The cumulative compliance costs for the governmental unit, including a gross-up amount for the income tax effect of such revenues.

$S_t$  = Estimated kWh sales to be billed to customers within the boundaries of the governmental unit during the period "t" for which " $L_t$ " is being determined and shall:

- Include the governmental unit in its capacity as a customer and
- Exclude any Company facilities located within the boundaries of the governmental unit.

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**CLAUSE LGC – LOCAL GOVERNMENT COMPLIANCE (continued)**

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t = The time period over which the factor will be applied and will be the lesser of:

- The months in the remaining term of the existing franchise within the governmental unit, if the resulting “ $L_t$ ” is at or below \$0.01 per kWh, or
- 12 months if the resulting “ $L_t$ ” is at or below \$0.01 per kWh, or
- The number of months necessary to set the billing factor at \$0.01 per kWh if “ $L_t$ ” calculated with “t” equal to 12 is greater than \$0.01 per kWh, or
- 60 months; the resulting “ $L_t$ ” may be greater than \$0.01 per kWh.

In the event “ $L_t$ ” is less than \$0.00001 per kWh, a shorter recovery period will be used.

**RECONCILIATION**

Billed cost recoveries and relocation and conversion costs will be reconciled on an annual basis. Annual adjustments may be made to the billing factor to fully recover relocation and conversion costs. As part of the reconciliation process, the Local Government Compliance Charge may be changed to include additional compliance costs that result from the facility changes compelled by the governmental unit since the previous reconciliation. T T

For the purpose of this Clause:

- A governmental unit means any county, municipality, township, special district, or unit designated as a unit of local government by law and which exercises limited governmental power or powers in respect to limited governmental subjects.
- Costs are the entire amount recorded on the Company’s books of account related to compulsory relocations and conversions. Such costs may be estimated, subject to adjustment as actual information becomes available. T
- The billing period will begin with the first billing cycle of the month and end with the last billing cycle of the month.
- Any facilities the Company is compelled to install shall be the property of the Company.
- The total amount of the charges under this clause will be separately stated on each customer’s bill.
- Late payment charges will apply.
- State and local taxes, and franchise fees will not apply.



MIDAMERICAN ENERGY COMPANY  
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Filed with the Iowa Utilities Commission

15<sup>th</sup> Revised Sheet No. 437.10  
Canceling 14<sup>th</sup> Revised Sheet No. 437.10

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## CLAUSE LGC – LOCAL GOVERNMENT COMPLIANCE (continued)

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### CURRENT APPLICABLE LOCAL GOVERNMENT COMPLIANCE CHARGES

Fort Dodge: A Local Government Compliance Charge of \$0.00000 per kWh shall be applied to all billings for electric service furnished within the city of Fort Dodge to recover conversion costs for completed project costs incurred by Company as of March 1, 2021, as compelled by the city of Fort Dodge, and such charge will be effective June 30, 2022.

Waukee: A Local Government Compliance Charge of \$(0.00549) per kWh shall be applied to all billings for electric service furnished within the city of Waukee to refund the overcollection of conversion costs for completed project costs incurred by Company as of May 1, 2023, as compelled by the city of Waukee, and such charge will be effective September 27, 2024, and then return to \$0.00000 effective October 28, 2024.

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## **CLAUSE RAR – RENEWABLE ADVANTAGE RESIDENTIAL**

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### **AVAILABLE**

Residential customers in Iowa.

### **CONTRIBUTIONS AND COST RECOVERY**

This program allows customers to make voluntary contributions to the development of alternate energy in Iowa pursuant to Iowa Code Section 476.47. Funds collected from customers will be used to construct alternate energy facilities or to purchase alternate energy resources by contract. Funds collected from customers will be used to cover net direct costs. "Net direct costs" are incremental program costs not otherwise recovered through base tariff rates reduced by any program revenue.

### **CUSTOMER ENROLLMENT**

Customers can sign up by registering on MidAmerican Energy Company's website, by calling MidAmerican Energy Company or by checking the appropriate box on the bill stub. The customer will continue to be enrolled in the Renewable Advantage Program until notifying MidAmerican Energy Company by phone or in writing.

### **BILLING**

Customers may select one of the three following billing options:

1. Monthly contributions of \$2.50, \$5.00, \$10.00, or an amount of the customer's choosing with a minimum of \$1.00. The monthly charge will be separately identified on the customer's bill. Non-payment for two consecutive months will automatically remove the participating customer from the program.
2. One-time contribution of a minimum of \$1.00. This contribution must be identified as directed to the Renewable Advantage Program at MidAmerican Energy Company and will not be reflected on the customer's bill.
3. Periodic contributions of a minimum of \$1.00. These contributions must be identified as directed to the Renewable Advantage Program at MidAmerican Energy Company and will not be reflected on the customer's bill.



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**CLAUSE RAR – RENEWABLE ADVANTAGE RESIDENTIAL (continued)**

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There will be no refunds of funds contributed to this program.

**RECONCILIATION**

On or before April 1 of each year, a reconciliation of the activity for the previous calendar year will be filed. Annual directly assigned program costs in excess of annual program contributions may be recovered through the Energy Adjustment Clause to the extent cumulative directly assigned program costs exceed cumulative program contributions at the end of the reconciliation year. Annual program contributions in excess of annual directly assigned program costs will be credited through the Energy Adjustment Clause to the extent cumulative program contributions are less than cumulative directly assigned program costs at the beginning of the reconciliation year. Cumulative program contributions in excess of cumulative directly assigned program costs will be used to expand the Renewable Advantage Program.



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## **CLAUSE RAG – RENEWABLE ADVANTAGE GENERAL SERVICE**

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### **AVAILABLE**

General service customers in Iowa.

### **CONTRIBUTIONS AND COST RECOVERY**

This program allows customers to make voluntary contributions to the development of alternate energy in Iowa pursuant to Iowa Code Section 476.47. Funds collected from customers will be used to construct alternate energy facilities or to purchase alternate energy resources by contract. Funds collected from customers will be used to cover net direct costs. "Net direct costs" are incremental program costs not otherwise recovered through base tariff rates reduced by any program revenue.

### **CUSTOMER ENROLLMENT**

Customers can sign up by registering on MidAmerican Energy Company's website, by calling MidAmerican Energy Company or by checking the appropriate box on the bill stub. The customer will continue to be enrolled in the Renewable Advantage Program until notifying MidAmerican Energy Company by phone or in writing.

### **BILLING**

Customers may select one of the three following billing options:

1. Monthly contributions of \$5.00, \$10.00, \$20.00, or an amount of their choosing with a minimum of \$1.00. The monthly charge will be separately identified on the customer's bill. Non-payment for two consecutive months will automatically remove the participating customer from the program.
2. One-time contribution of a minimum of \$1.00. This contribution must be identified as directed to the Renewable Advantage Program at MidAmerican Energy Company and will not be reflected on the customer's bill.
3. Periodic contributions of a minimum of \$1.00. These contributions must be identified as directed to the Renewable Advantage Program at MidAmerican Energy Company and will not be reflected on the customer's bill.



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## **CLAUSE RAG – RENEWABLE ADVANTAGE GENERAL SERVICE (continued)**

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There will be no refunds of funds contributed to this program.

### **RECONCILIATION**

On or before April 1 of each year, a reconciliation of the activity for the previous calendar year will be filed. Annual directly assigned program costs in excess of annual program contributions may be recovered through the Energy Adjustment Clause to the extent cumulative directly assigned program costs exceed cumulative program contributions at the end of the reconciliation year. Annual program contributions in excess of annual directly assigned program costs will be credited through the Energy Adjustment Clause to the extent cumulative program contributions are less than cumulative directly assigned program costs at the beginning of the reconciliation year. Cumulative program contributions in excess of cumulative directly assigned program costs will be used to expand the Renewable Advantage Program.



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## **CLAUSE RAL – RENEWABLE ADVANTAGE LARGE GENERAL SERVICE**

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### **AVAILABLE**

Large general service customers in Iowa.

### **CONTRIBUTIONS AND COST RECOVERY**

This program allows customers to make voluntary contributions to the development of alternate energy in Iowa pursuant to Iowa Code Section 476.47. Funds collected from customers will be used to construct alternate energy facilities or to purchase alternate energy resources by contract. Funds collected from customers will be used to cover net direct costs. "Net direct costs" are incremental program costs not otherwise recovered through base tariff rates reduced by any program revenue.

### **CUSTOMER ENROLLMENT**

Customers can sign up by registering on MidAmerican Energy Company's website or by calling MidAmerican Energy Company. The customer will continue to be enrolled in the Renewable Advantage Program until notifying MidAmerican Energy Company by phone or in writing.

### **BILLING**

Customers may select one of the three following billing options:

1. Monthly contributions in the amount of their choosing with a minimum of \$1.00. The monthly charge will be separately identified on the customer's bill. Non-payment for two consecutive months will automatically remove the participating customer from the program.
2. One-time contribution of a minimum of \$1.00. This contribution must be identified as directed to the Renewable Advantage Program at MidAmerican Energy Company and will not be reflected on the customer's bill.
3. Periodic contributions of a minimum of \$1.00. These contributions must be identified as directed to the Renewable Advantage Program at MidAmerican Energy Company and will not be reflected on the customer's bill.





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**CLAUSE RAL – RENEWABLE ADVANTAGE LARGE GENERAL SERVICE  
(continued)**

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There will be no refunds of funds contributed to this program.

**RECONCILIATION**

On or before April 1 of each year, a reconciliation of the activity for the previous calendar year will be filed. Annual directly assigned program costs in excess of annual program contributions may be recovered through the Energy Adjustment Clause to the extent cumulative directly assigned program costs exceed cumulative program contributions at the end of the reconciliation year. Annual program contributions in excess of annual directly assigned program costs will be credited through the Energy Adjustment Clause to the extent cumulative program contributions are less than cumulative directly assigned program costs at the beginning of the reconciliation year. Cumulative program contributions in excess of cumulative directly assigned program costs will be used to expand the Renewable Advantage Program.



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## **CLAUSE RAO – RENEWABLE ADVANTAGE OTHER**

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### **AVAILABLE**

Public Authority and Public Street and Highway Lighting customers in Iowa.

### **CONTRIBUTIONS AND COST RECOVERY**

This program allows customers to make voluntary contributions to the development of alternate energy in Iowa pursuant to Iowa Code Section 476.47. Funds collected from customers will be used to construct alternate energy facilities or to purchase alternate energy resources by contract. Funds collected from customers will be used to cover net direct costs. "Net direct costs" are incremental program costs not otherwise recovered through base tariff rates reduced by any program revenue.

### **CUSTOMER ENROLLMENT**

Customers can sign up by registering on MidAmerican Energy Company's website or by calling MidAmerican Energy Company. The customer will continue to be enrolled in the Renewable Advantage Program until notifying MidAmerican Energy Company by phone or in writing.

### **BILLING**

Customers may select one of the three following billing options:

1. Monthly contributions in the amount of their choosing with a minimum of \$1.00. The monthly charge will be separately identified on the customer's bill. Non-payment for two consecutive months will automatically remove the participating customer from the program.
2. One-time contribution of a minimum of \$1.00. This contribution must be identified as directed to the Renewable Advantage Program at MidAmerican Energy Company and will not be reflected on the customer's bill.
3. Periodic contributions of a minimum of \$1.00. These contributions must be identified as directed to the Renewable Advantage Program at MidAmerican Energy Company and will not be reflected on the customer's bill.



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## **CLAUSE RAO – RENEWABLE ADVANTAGE OTHER (continued)**

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There will be no refunds of funds contributed to this program.

### **RECONCILIATION**

On or before April 1 of each year, a reconciliation of the activity for the previous calendar year will be filed. Annual directly assigned program costs in excess of annual program contributions may be recovered through the Energy Adjustment Clause to the extent cumulative directly assigned program costs exceed cumulative program contributions at the end of the reconciliation year. Annual program contributions in excess of annual directly assigned program costs will be credited through the Energy Adjustment Clause to the extent cumulative program contributions are less than cumulative directly assigned program costs at the beginning of the reconciliation year. Cumulative program contributions in excess of cumulative directly assigned program costs will be used to expand the Renewable Advantage Program.



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## **CLAUSE E – EQUALIZATION ADJUSTMENT**

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### **APPLICATION**

To all rates for electric service in Iowa except Rate SL and Rate AL. Rates including equalization for those customer groups are shown on the specific tariff pages for those rates.

### **EQUALIZATION ADJUSTMENT**

Equalization Adjustment factors are applied to the rates for electric service for the purpose of moving all rates to cost of service over a ten-year period.

Equalization Adjustment factors are billed on a dollar per kWh basis at the rates shown below. Rates are applicable for energy usage billed for periods shown and are applied based on former price schedules.

Customers establishing service after the effective date of this tariff shall have the base factor specifically identified for their rate and pricing zone applied as indicated in List of Communities Served and applied to billed energy usage.



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1<sup>st</sup> Revised Sheet No. 447  
Canceling Substitute Original Sheet No. 447

## CLAUSE E – EQUALIZATION ADJUSTMENT (continued)

All prices are shown in dollars per kWh:

|   | Former Price Schedules                                 |  |   |   |   | T |
|---|--|--|---|---|---|---|
|   | 09, 10, 11,<br>51<br><u>East Base</u><br><u>Factor</u> | RBN, RWN<br>TBN, TWN<br><u>North Base</u><br><u>Factor</u> | RBS, RWS,<br>TBS, TWS<br><u>South Base</u><br><u>Factor</u> | RAN, REN,<br>RHN, RSN,<br>TAN, TEN,<br>THN, TSN<br><u>North Heat</u><br><u>Factor</u> | RAS, RES,<br>RHS, RSS,<br>TAS, TES,<br>THS, TSS<br><u>South Heat</u><br><u>Factor</u> |   |
| <b>Rates RS, RST and RMS</b>            |  |  |   |   |   |   |
| To December 31, 2014                    | \$ 0.00395   | \$ (0.00569)   | \$ 0.00415  | \$ (0.01168)  | \$ (0.00203)  |   |
| January 1, 2015 to<br>December 31, 2015 | 0.00351  | (0.00506)  | 0.00369   | (0.01038)   | (0.00181)   |   |
| January 1, 2016 to<br>December 31, 2016 | 0.00307  | (0.00442)  | 0.00323   | (0.00909)   | (0.00158)   |   |
| January 1, 2017 to<br>December 31, 2017 | 0.00263  | (0.00379)  | 0.00277   | (0.00779)   | (0.00136)   |   |
| January 1, 2018 to<br>December 31, 2018 | 0.00220  | (0.00316)  | 0.00231   | (0.00649)   | (0.00113)   |   |
| January 1, 2019 to<br>December 31, 2019 | 0.00176  | (0.00253)  | 0.00184   | (0.00519)   | (0.00090)   |   |
| January 1, 2020 to<br>December 31, 2020 | 0.00132  | (0.00190)  | 0.00138   | (0.00389)   | (0.00068)   |   |
| January 1, 2021 to<br>December 31, 2021 | 0.00088  | (0.00126)  | 0.00092   | (0.00260)   | (0.00045)   |   |
| January 1, 2022 to<br>December 31, 2022 | 0.00044  | (0.00063)  | 0.00046   | (0.00130)   | (0.00023)   |   |
| January 1, 2023 to<br>December 31, 2023 | ---  | ---  | ---   | ---   | ---   |   |



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Substitute Original Sheet No. 448  
Canceling Original Sheet No. 448

## CLAUSE E – EQUALIZATION ADJUSTMENT (continued)

All prices are shown in dollars per kWh:

| Rates GE and GET                     | Former Price Schedules                             |  |  |              |            |           |
|--------------------------------------|--|--|--|--------------|------------|-----------|
|                                      | <u>22, 45</u><br><u>East Base</u><br><u>Factor</u> | <u>GBN</u><br><u>North Base</u><br><u>Factor</u> | <u>GBS</u><br><u>South Base</u><br><u>Factor</u> | <u>GEN</u>   | <u>GES</u> |           |
| To December 31, 2014                 | \$ 0.01920   | \$ 0.00182                                       | \$ 0.02511                                       | \$ (0.00858) | \$ 0.00718 | R/R/R/R/R |
| January 1, 2015 to December 31, 2015 | 0.01706  | 0.00162  | 0.02231  | (0.00763)    | 0.00638    |           |
| January 1, 2016 to December 31, 2016 | 0.01494  | 0.00142  | 0.01953  | (0.00667)    | 0.00558    |           |
| January 1, 2017 to December 31, 2017 | 0.01280  | 0.00121  | 0.01673  | (0.00572)    | 0.00478    |           |
| January 1, 2018 to December 31, 2018 | 0.01067  | 0.00102  | 0.01395  | (0.00477)    | 0.00399    |           |
| January 1, 2019 to December 31, 2019 | 0.00853  | 0.00081  | 0.01116  | (0.00382)    | 0.00319    |           |
| January 1, 2020 to December 31, 2020 | 0.00640  | 0.00061  | 0.00837  | (0.00286)    | 0.00240    |           |
| January 1, 2021 to December 31, 2021 | 0.00427  | 0.00040  | 0.00558  | (0.00191)    | 0.00159    |           |
| January 1, 2022 to December 31, 2022 | 0.00214  | 0.00021  | 0.00279  | (0.00095)    | 0.00080    | R/R/R/R/R |
| January 1, 2023 to December 31, 2023 | ---  | ---  | ---  | ---          | ---        |           |



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1<sup>st</sup> Revised Sheet No. 449  
Canceling Substitute Original Sheet No. 449

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### CLAUSE E – EQUALIZATION ADJUSTMENT (continued)

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All prices are shown in dollars per kWh:

| Former Price Schedules                  |            |            |              |              | T |
|---|------------|------------|--------------|--------------|---|
| Rates GE and GET                        | GUN        | GUS        | GWN          | GSN          |   |
| To December 31, 2014                    | \$ 0.00223 | \$ 0.00185 | \$ (0.01740) | \$ (0.01989) |   |
| January 1, 2015 to<br>December 31, 2015 | 0.00198    | 0.00164    | (0.01547)    | (0.01768)    |   |
| January 1, 2016 to<br>December 31, 2016 | 0.00173    | 0.00144    | (0.01353)    | (0.01547)    |   |
| January 1, 2017 to<br>December 31, 2017 | 0.00148    | 0.00123    | (0.01160)    | (0.01326)    |   |
| January 1, 2018 to<br>December 31, 2018 | 0.00124    | 0.00103    | (0.00967)    | (0.01105)    |   |
| January 1, 2019 to<br>December 31, 2019 | 0.00099    | 0.00082    | (0.00774)    | (0.00884)    |   |
| January 1, 2020 to<br>December 31, 2020 | 0.00075    | 0.00062    | (0.00580)    | (0.00663)    |   |
| January 1, 2021 to<br>December 31, 2021 | 0.00049    | 0.00041    | (0.00387)    | (0.00442)    |   |
| January 1, 2022 to<br>December 31, 2022 | 0.00025    | 0.00021    | (0.00193)    | (0.00221)    |   |
| January 1, 2023 to<br>December 31, 2023 | ---        | ---        | ---          | ---          |   |



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1<sup>st</sup> Revised Sheet No. 450  
Canceling Substitute Original Sheet No. 450

## CLAUSE E – EQUALIZATION ADJUSTMENT (continued)

All prices are shown in dollars per kWh:

|   | Former Price Schedules                  |   |   |   |   | T |
|---|---|---|---|---|---|---|
|   | 42<br><u>East Base</u><br><u>Factor</u> | ADN, ARN,<br>GDN, GPN,<br>GTN<br><u>North Base</u><br><u>Factor</u> | ADS, ARS,<br>GDS, GPS,<br>GTS<br><u>South Base</u><br><u>Factor</u> | GHN<br><u>North Heat</u><br><u>Factor</u> | GHS<br><u>South Heat</u><br><u>Factor</u> |   |
| <b>Rates GD and GDT</b>                 |   |   |   |   |   |   |
| To December 31, 2014                    | \$ 0.00607                              | \$ (0.00714)  | \$ 0.00602  | \$ (0.01189)                              | \$ (0.00626)                              |   |
| January 1, 2015 to<br>December 31, 2015 | 0.00539                                 | (0.00635)   | 0.00534   | (0.01058)                                 | (0.00557)                                 |   |
| January 1, 2016 to<br>December 31, 2016 | 0.00472                                 | (0.00555)   | 0.00468   | (0.00925)                                 | (0.00487)                                 |   |
| January 1, 2017 to<br>December 31, 2017 | 0.00404                                 | (0.00476)   | 0.00401   | (0.00793)                                 | (0.00418)                                 |   |
| January 1, 2018 to<br>December 31, 2018 | 0.00338                                 | (0.00397)   | 0.00335   | (0.00661)                                 | (0.00348)                                 |   |
| January 1, 2019 to<br>December 31, 2019 | 0.00270                                 | (0.00318)   | 0.00267   | (0.00529)                                 | (0.00278)                                 |   |
| January 1, 2020 to<br>December 31, 2020 | 0.00203                                 | (0.00238)   | 0.00201   | (0.00396)                                 | (0.00208)                                 |   |
| January 1, 2021 to<br>December 31, 2021 | 0.00135                                 | (0.00159)   | 0.00134   | (0.00264)                                 | (0.00139)                                 |   |
| January 1, 2022 to<br>December 31, 2022 | 0.00068                                 | (0.00079)   | 0.00067   | (0.00132)                                 | (0.00069)                                 |   |
| January 1, 2023 to<br>December 31, 2023 | ---                                     | ---   | ---   | ---                                       | ---                                       |   |





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Substitute Original Sheet No. 451  
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## CLAUSE E – EQUALIZATION ADJUSTMENT (continued)

All prices are shown in dollars per kWh:

|                                      | Former Price Schedules        |  |   |                                  |                                  |           |
|--------------------------------------|-------------------------------|--|---|----------------------------------|----------------------------------|-----------|
|                                      | 41, 53<br>East Base<br>Factor | ALN, APN,<br>CAP, LLN,<br>LON, LPN,<br>LRN<br>North Base<br>Factor | ALS, APS,<br>LCL, LLC,<br>LLS, LOS,<br>LPS, LRS<br>South Base<br>Factor | LEN, LHN<br>North Heat<br>Factor | LES, LHS<br>South Heat<br>Factor |           |
| <b>Rates LS and LST</b>              |                               |  |   |                                  |                                  |           |
| To December 31, 2014                 | \$ 0.00394                    | \$ (0.00745)   | \$ (0.00144)  | \$ (0.01075)                     | \$ (0.00655)                     | I/I/I/I/I |
| January 1, 2015 to December 31, 2015 | 0.00350                       | (0.00662)  | (0.00128)   | (0.00956)                        | (0.00582)                        |           |
| January 1, 2016 to December 31, 2016 | 0.00306                       | (0.00579)  | (0.00112)   | (0.00836)                        | (0.00509)                        |           |
| January 1, 2017 to December 31, 2017 | 0.00262                       | (0.00497)  | (0.00096)   | (0.00717)                        | (0.00437)                        |           |
| January 1, 2018 to December 31, 2018 | 0.00219                       | (0.00414)  | (0.00080)   | (0.00597)                        | (0.00364)                        |           |
| January 1, 2019 to December 31, 2019 | 0.00175                       | (0.00331)  | (0.00064)   | (0.00478)                        | (0.00291)                        |           |
| January 1, 2020 to December 31, 2020 | 0.00132                       | (0.00248)  | (0.00048)   | (0.00358)                        | (0.00218)                        |           |
| January 1, 2021 to December 31, 2021 | 0.00087                       | (0.00166)  | (0.00032)   | (0.00239)                        | (0.00146)                        |           |
| January 1, 2022 to December 31, 2022 | 0.00044                       | (0.00082)  | (0.00016)   | (0.00119)                        | (0.00072)                        | I/I/I/I/I |
| January 1, 2023 to December 31, 2023 | ---                           | ---  | ---   | ---                              | ---                              |           |



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Substitute Original Sheet No. 452  
Canceling Original Sheet No. 452

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## CLAUSE E – EQUALIZATION ADJUSTMENT (continued)

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All prices are shown in dollars per kWh:

| Former Price Schedules |                  |         |                   |                   |               |       |
|------------------------|------------------|---------|-------------------|-------------------|---------------|-------|
| Rates SS and SST       | 41, 53           |         | LPN               |                   | LLS, LPC, LPS |       |
|                        | East Base Factor |         | North Base Factor | South Base Factor |               |       |
| To December 31, 2014   | \$               | 0.00394 | \$                | (0.00745)         | \$ (0.00144)  | I/I/I |
| January 1, 2015 to     |                  |         |                   |                   |               |       |
| December 31, 2015      |                  | 0.00350 |                   | (0.00662)         | (0.00128)     |       |
| January 1, 2016 to     |                  |         |                   |                   |               |       |
| December 31, 2016      |                  | 0.00306 |                   | (0.00579)         | (0.00112)     |       |
| January 1, 2017 to     |                  |         |                   |                   |               |       |
| December 31, 2017      |                  | 0.00262 |                   | (0.00497)         | (0.00096)     |       |
| January 1, 2018 to     |                  |         |                   |                   |               |       |
| December 31, 2018      |                  | 0.00219 |                   | (0.00414)         | (0.00080)     |       |
| January 1, 2019 to     |                  |         |                   |                   |               |       |
| December 31, 2019      |                  | 0.00175 |                   | (0.00331)         | (0.00064)     |       |
| January 1, 2020 to     |                  |         |                   |                   |               |       |
| December 31, 2020      |                  | 0.00132 |                   | (0.00248)         | (0.00048)     |       |
| January 1, 2021 to     |                  |         |                   |                   |               |       |
| December 31, 2021      |                  | 0.00087 |                   | (0.00166)         | (0.00032)     |       |
| January 1, 2022 to     |                  |         |                   |                   |               | I/I/I |
| December 31, 2022      |                  | 0.00044 |                   | (0.00082)         | (0.00016)     |       |
| January 1, 2023 to     |                  |         |                   |                   |               |       |
| December 31, 2023      |                  | ---     |                   | ---               | ---           |       |



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## CLAUSE E – EQUALIZATION ADJUSTMENT (continued)

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All prices are shown in dollars per kWh:

**Rate ICR**

|   |        |
|---|--------|
| To December 31, 2014                    | varies |
| January 1, 2015 to<br>December 31, 2015 | varies |
| January 1, 2016 to<br>December 31, 2016 | varies |
| January 1, 2017 to<br>December 31, 2017 | varies |
| January 1, 2018 to<br>December 31, 2018 | varies |
| January 1, 2019 to<br>December 31, 2019 | varies |
| January 1, 2020 to<br>December 31, 2020 | varies |
| January 1, 2021 to<br>December 31, 2021 | varies |
| January 1, 2022 to<br>December 31, 2022 | varies |
| January 1, 2023 to<br>December 31, 2023 | ---    |



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Substitute Original Sheet No. 454  
Canceling Original Sheet No. 454

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### CLAUSE E – EQUALIZATION ADJUSTMENT (continued)

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All prices are shown in dollars per kWh:

| Rate MWP                                | Former Price Schedule   |                          |                          | R/R/R |
|---|-------------------------|--------------------------|--------------------------|-------|
|   | 22, 45                  | ABN                      | ABS                      |       |
|   | <u>East Base Factor</u> | <u>North Base Factor</u> | <u>South Base Factor</u> |       |
| To December 31, 2014                    | \$ 0.01920              | \$ (0.00037)             | \$ 0.01160               | R/R/R |
| January 1, 2015 to<br>December 31, 2015 | 0.01706                 | (0.00033)                | 0.01031                  |       |
| January 1, 2016 to<br>December 31, 2016 | 0.01494                 | (0.00029)                | 0.00902                  |       |
| January 1, 2017 to<br>December 31, 2017 | 0.01280                 | (0.00025)                | 0.00773                  |       |
| January 1, 2018 to<br>December 31, 2018 | 0.01067                 | (0.00021)                | 0.00645                  |       |
| January 1, 2019 to<br>December 31, 2019 | 0.00853                 | (0.00016)                | 0.00516                  |       |
| January 1, 2020 to<br>December 31, 2020 | 0.00640                 | (0.00012)                | 0.00387                  |       |
| January 1, 2021 to<br>December 31, 2021 | 0.00427                 | (0.00008)                | 0.00258                  |       |
| January 1, 2022 to<br>December 31, 2022 | 0.00214                 | (0.00004)                | 0.00129                  | R/R/R |
| January 1, 2023 to<br>December 31, 2023 | ---                     | ---                      | ---                      |       |



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Substitute Original Sheet No. 455  
Canceling Original Sheet No. 455

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### CLAUSE E – EQUALIZATION ADJUSTMENT (continued)

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All prices are shown in dollars per kWh:

| Rate TC                                 | Former Price Schedule   |                          |                          |       |  |
|---|-------------------------|--------------------------|--------------------------|-------|--|
|   | 22, 45                  | ATN                      | ATS                      |       |  |
|   | <u>East Base Factor</u> | <u>North Base Factor</u> | <u>South Base Factor</u> |       |  |
| To December 31, 2014                    | \$ 0.01920              | \$ (0.01321)             | \$ (0.00923)             | R/R/R |  |
| January 1, 2015 to<br>December 31, 2015 | 0.01706                 | (0.01174)                | (0.00821)                |       |  |
| January 1, 2016 to<br>December 31, 2016 | 0.01494                 | (0.01028)                | (0.00718)                |       |  |
| January 1, 2017 to<br>December 31, 2017 | 0.01280                 | (0.00881)                | (0.00616)                |       |  |
| January 1, 2018 to<br>December 31, 2018 | 0.01067                 | (0.00734)                | (0.00513)                |       |  |
| January 1, 2019 to<br>December 31, 2019 | 0.00853                 | (0.00587)                | (0.00410)                |       |  |
| January 1, 2020 to<br>December 31, 2020 | 0.00640                 | (0.00440)                | (0.00308)                |       |  |
| January 1, 2021 to<br>December 31, 2021 | 0.00427                 | (0.00294)                | (0.00205)                |       |  |
| January 1, 2022 to<br>December 31, 2022 | 0.00214                 | (0.00147)                | (0.00103)                | R/R/R |  |
| January 1, 2023 to<br>December 31, 2023 | ---                     | ---                      | ---                      |       |  |



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1<sup>st</sup> Revised Sheet No. 456  
Canceling Substitute Original Sheet No. 456

## CLAUSE PI – PHASE-IN ADJUSTMENT

### APPLICATION

To all rates for electric service in Iowa, except Rate SL and Rate AL. Rates including a phase-in for those customer groups are shown on the specific tariff pages for those rates.

### PHASE-IN ADJUSTMENT

Phase-In Adjustment factors are applied to the rates for electric service for the purpose of phasing in MidAmerican's approved increase in revenue.

Phase-In Adjustment factors are billed on a dollar per kWh basis at the rates shown below. Rates are applicable for energy usage billed for periods shown and are applied based on former price schedules.

Customers establishing service after the effective date of this tariff shall have the base factor specifically identified for their rate and pricing zone as indicated in the List of Communities Served and applied to billed energy usage.

Phase-In Adjustment factors are billed on all kWh:

All prices are shown in dollars per kWh:

|  | <u>Former Price Schedules</u>                      |   |   |   |   |
|--|--|---|---|---|---|
|  | <u>09, 10, 11,<br/>51<br/>East Base<br/>Factor</u> | <u>RBN,<br/>RWN,<br/>TBN, TWN<br/>North Base<br/>Factor</u> | <u>RBS, RWS,<br/>TBS, TWS<br/>South Base<br/>Factor</u> | <u>RAN, REN,<br/>RHN, RSN,<br/>TAN, TEN,<br/>THN, TSN<br/>North Heat<br/>Factor</u> | <u>RAS, RES,<br/>RHS, RSS,<br/>TAS, TES,<br/>THS, TSS<br/>South Heat<br/>Factor</u> |
| <b>Rates RS, RST and RMS</b>             |  |   |   |   |   |
| To December 31, 2014                     | \$ (0.00699)                                       | \$ (0.00608)  | \$ (0.00691)  | \$ (0.00438)  | \$(0.00556)   |
| January 1, 2015, to<br>December 31, 2015 | (0.00349)  | (0.00304)   | (0.00345)   | (0.00219)   | (0.00278)   |
| January 1, 2016 to<br>December 31, 2016  | ---  | ---   | ---   | ---   | ---   |

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1<sup>st</sup> Revised Sheet No. 457  
Canceling Substitute Original Sheet No. 457

## CLAUSE PI – PHASE-IN ADJUSTMENT (continued)

All prices are shown in dollars per kWh:

|  | Former Price Schedules            |                                    |                                    |              |              |
|--|-----------------------------------|------------------------------------|------------------------------------|--------------|--------------|
|  | 22, 45                            | GBN                                | GBS                                | GEN          | GES          |
|  | <u>East Base</u><br><u>Factor</u> | <u>North Base</u><br><u>Factor</u> | <u>South Base</u><br><u>Factor</u> |              |              |
| <b>Rates GE and GET</b>                  |                                   |                                    |                                    |              |              |
| To December 31, 2014                     | \$ (0.00681)                      | \$ (0.00566)                       | \$ (0.00777)                       | \$ (0.00414) | \$ (0.00572) |
| January 1, 2015, to<br>December 31, 2015 | (0.00340)                         | (0.00282)                          | (0.00388)                          | (0.00207)    | (0.00285)    |
| January 1, 2016 to<br>December 31, 2016  | ---                               | ---                                | ---                                | ---          | ---          |

|  | Former Price Schedules |              |              |              |
|--|------------------------|--------------|--------------|--------------|
|  | GUN                    | GUS          | GWN          | GSN          |
|  |                        |              |              |              |
| <b>Rates GE and GET</b>                  |                        |              |              |              |
| To December 31, 2014                     | \$ (0.00506)           | \$ (0.00514) | \$ (0.00615) | \$ (0.00344) |
| January 1, 2015, to<br>December 31, 2015 | (0.00252)              | (0.00257)    | (0.00307)    | (0.00171)    |
| January 1, 2016 to<br>December 31, 2016  | ---                    | ---          | ---          | ---          |

|  | Former Price Schedules            |                                    |                                    |                                    |                                    |
|--|-----------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
|  | 42                                | ADN,<br>ARN,<br>GDN,<br>GPN, GTN   | ADS, ARS,<br>GDS, GPS,<br>GTS      | GHN                                | GHS                                |
|  | <u>East Base</u><br><u>Factor</u> | <u>North Base</u><br><u>Factor</u> | <u>South Base</u><br><u>Factor</u> | <u>North Heat</u><br><u>Factor</u> | <u>South Heat</u><br><u>Factor</u> |
| <b>Rates GD and GDT</b>                  |                                   |                                    |                                    |                                    |                                    |
| To December 31, 2014                     | \$ (0.00472)                      | \$ (0.00404)                       | \$ (0.00522)                       | \$ (0.00321)                       | \$ (0.00395)                       |
| January 1, 2015, to<br>December 31, 2015 | (0.00235)                         | (0.00202)                          | (0.00260)                          | (0.00161)                          | (0.00197)                          |
| January 1, 2016 to<br>December 31, 2016  | ---                               | ---                                | ---                                | ---                                | ---                                |



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Substitute Original Sheet No. 458  
Canceling Original Sheet No. 458

## CLAUSE PI – PHASE-IN ADJUSTMENT (continued)

All prices are shown in dollars per kWh:

|  | Former Price Schedules            |  |   |                                      |                                      | T         |
|--|-----------------------------------|--|---|--------------------------------------|--------------------------------------|-----------|
|  | 41, 53<br><u>East Base Factor</u> | ALN, APN,<br>CAP, LLN,<br>LON, LPN,<br>LRN<br><u>North Base Factor</u> | ALS, APS,<br>LCL, LLC,<br>LLS, LOS,<br>LPS, LRS,<br>South Base<br><u>Factor</u> | LEN, LHN<br><u>North Heat Factor</u> | LES, LHS<br><u>South Heat Factor</u> |           |
| <b>Rates LS and LST</b>                  |                                   |  |   |                                      |                                      |           |
| To December 31, 2014                     | \$ (0.00378)                      | \$ (0.00309)   | \$ (0.00358)  | \$ (0.00293)                         | \$ (0.00323)                         | R/R/R/R/R |
| January 1, 2015, to<br>December 31, 2015 | (0.00188)                         | (0.00155)  | (0.00178)   | (0.00146)                            | (0.00162)                            | R/R/R/R/R |
| January 1, 2016 to<br>December 31, 2016  | ---                               | ---  | ---   | ---                                  | ---                                  |           |
|  | Former Price Schedules            |  |   |                                      |                                      |           |
|  | 41, 53<br><u>East Base Factor</u> | LPN<br><u>North Base Factor</u>  | LLS, LPC, LPS<br><u>South Base Factor</u>                                       |                                      |                                      |           |
| <b>Rates SS and SST</b>                  |                                   |  |   |                                      |                                      |           |
| To December 31, 2014                     | \$ (0.00378)                      | \$ (0.00309)   | \$ (0.00358)  |                                      |                                      | R/R/R     |
| January 1, 2015, to<br>December 31, 2015 | (0.00188)                         | (0.00155)  | (0.00178)   |                                      |                                      | R/R/R     |
| January 1, 2016 to<br>December 31, 2016  | ---                               | ---  | ---   |                                      |                                      |           |
| <b>Rate ICR</b>                          |                                   |  |   |                                      |                                      |           |
| To December 31, 2014                     | varies                            |  |   |                                      |                                      |           |
| January 1, 2015, to<br>December 31, 2015 | varies                            |  |   |                                      |                                      |           |
| January 1, 2016 to<br>December 31, 2016  | ---                               |  |   |                                      |                                      |           |





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Substitute Original Sheet No. 459  
Canceling Original Sheet No. 459

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**CLAUSE PI – PHASE-IN ADJUSTMENT (continued)**

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All prices are shown in dollars per kWh:

|                                       | <b>Former Price Schedules</b>                   |              |              |       |
|---------------------------------------|---|--------------|--------------|-------|
|                                       | <b>22, 45</b><br><b><u>East Base Factor</u></b> | <b>ABN</b>   | <b>ABS</b>   |       |
| <b>Rate MWP</b>                       |   |              |              |       |
| To December 31, 2014                  | \$ (0.00681)                                    | \$ (0.00432) | \$ (0.00520) | R/ /I |
| January 1, 2015, to December 31, 2015 | (0.00340)                                       | (0.00215)    | (0.00260)    | R/ /  |
| January 1, 2016 to December 31, 2016  | ---   | ---          | ---          |       |
|                                       |   |              |              |       |
|                                       | <b>Former Price Schedules</b>                   |              |              |       |
|                                       | <b>22, 45</b><br><b><u>East Base Factor</u></b> | <b>ATN</b>   | <b>ATS</b>   |       |
| <b>Rate TC</b>                        |   |              |              |       |
| To December 31, 2014                  | \$ (0.00681)                                    | \$ (0.00562) | \$ (0.00556) | R//   |
| January 1, 2015, to December 31, 2015 | (0.00340)                                       | (0.00281)    | (0.00277)    | R/ /I |
| January 1, 2016 to December 31, 2016  | ---   | ---          | ---          |       |



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1<sup>st</sup> Revised Sheet No. 460  
Canceling 3<sup>rd</sup> Substitute Original Sheet No. 460

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## CLAUSE IM – INCREASE MITIGATION ADJUSTMENT

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### APPLICATION

To eligible customers identified in the compliance filing in Docket No. RPU-2013-0004 as receiving annual rate increases related to the implementation of new rates that exceed 15% and also exceed \$200 for residential customers and that exceed 15% and also exceed \$1,500 for nonresidential customers.

### INCREASE MITIGATION ADJUSTMENT

Increase Mitigation Adjustment factors are applied to the rates of eligible customers for the purpose of mitigating the bill increases experienced by those customers resulting from rates approved by the Board in Docket No. RPU-2013-0004 to acceptable levels as defined in the Board's Order.

Increase Mitigation Adjustment factors are billed on a dollar per kW basis for Rates GD and LS and on a per kWh basis for all other applicable rates. 2014 factors are applicable for demands and energy usage for customer usage on and after July 31, 2014 and before January 1, 2015. 2015 factors are applicable for demands and energy usage for customer usage on and after January 1, 2015 and before January 1, 2016. Effective January 1, 2016 the factors will be set at zero.

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|                                   | <u>2014 Factor</u> | <u>2015 Factor</u> | <u>2016 and After<br/>Factor</u> |   |
|-----------------------------------|--------------------|--------------------|----------------------------------|---|
| Rate GE, GET<br>(per kWh)         | \$ (0.01403)       | \$ (0.00048)       | \$ 0.00000                       | T |
| Rate GD, GDT<br>(per kW)          | \$ (3.92)          | \$ 0.00            | \$ 0.00                          | T |
| Rate LS, LST, SS,<br>SST (per kW) | \$ (1.89)          | \$ 0.00            | \$ 0.00                          |   |
| Rate SL (per kWh)                 | \$ 0.00000         | \$ (0.00002)       | \$ 0.00000                       |   |
| Rate AL (per kWh)                 | \$ 0.00000         | \$ (0.00820)       | \$ 0.00000                       |   |
| Rate MWP (per kWh)                | \$ (0.00552)       | \$ 0.000000        | \$ 0.00000                       |   |



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1<sup>st</sup> Revised Sheet No. 461  
Canceling 3<sup>rd</sup> Substitute Original Sheet No. 461

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## CLAUSE MC – MITIGATION COST RECOVERY ADJUSTMENT

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### APPLICATION

To customers taking service under rates identified in Clause IM, including customers whose rates are subject to mitigation as specified in the Board's Order in Docket No. RPU-2013-0004.

### MITIGATION COST RECOVERY ADJUSTMENT

Mitigation Cost Recovery Adjustment factors are applied to customers taking service under the rates specified below for the purpose of recovering the costs of discounts provided to customers within those rate classes to mitigate the impact of the implementation of new rates as approved by the Board in Docket No. RPU-2013-0004.

Mitigation Cost Recovery Adjustment factors will be applied to all kWh billed to customers taking service under the specified rates during the specified time periods. 2014 factors are applicable for usage on and after July 31, 2014 and before January 1, 2015. 2015 factors are applicable for usage on and after January 1, 2015 and before January 1, 2016. Effective January 1, 2016 the factors will be set at zero.

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|                         | <u>2014 Factor</u> | <u>2015 Factor</u> | <u>2016 and After</u><br><u>Factor</u> |   |
|-------------------------|--------------------|--------------------|--|---|
| Rate GE, GET            | \$ 0.00030         | \$ 0.00000         | \$ 0.00000                             | T |
| Rate GD, GDT            | \$ 0.00015         | \$ 0.00000         | \$ 0.00000                             | T |
| Rate LS, LST,SS,<br>SST | \$ 0.00006         | \$ 0.00000         | \$ 0.00000                             |   |
| Rate SL                 | \$ 0.00000         | \$ 0.00000         | \$ 0.00000                             |   |
| Rate AL                 | \$ 0.00000         | \$ 0.00000         | \$ 0.00000                             |   |
| Rate MWP                | \$ 0.00007         | \$ 0.00000         | \$ 0.00000                             |   |





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**CLAUSE TERM – TAX EXPENSE REVISION MECHANISM (continued)**

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**DETERMINATION OF TERM FACTORS:**

The TERM factors shall be billed over the Effective Period. The TERM factors shall be estimated for the current Tax Period and reconciled when actual information is available during a subsequent Tax Period. The TERM factors, if any, applicable to each Tax Period may be positive or negative values. A separate per kilowatt-hour (kWh) factor shall be determined annually for each class using the following formula:

$$\text{TERM}_c = (\text{ITA}_c + \text{EA}_c + \text{RA}_c) / S_c$$

Where:

$\text{ITA}_c$  = Income Tax Adjustment by class

$\text{EA}_c$  = Energy Adjustment Clause Offset by class

$\text{RA}_c$  = The Reconciliation Adjustment by class, determined annually as specified below

$S_c$  = The forecasted number of kWh of electricity delivered to the class during the Effective Period

**INCOME TAX ADJUSTMENT (ITA)**

The ITA shall be determined annually, by class, using the following formulas:

$$\text{ITA}_c = (\text{OPINC} + \text{TE} - \text{IE}) \times \text{TRC} \times \text{GRCF} \times \text{BR}_c$$

$$\text{GRCF} = \frac{1}{(1 - \text{SIT}) \times (1 - \text{FIT})}$$



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Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet No. 464  
Canceling Original Sheets No. 462 - 464

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**CLAUSE TERM – TAX EXPENSE REVISION MECHANISM (continued)**

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Where:

OPINC = Operating income before taxes and revenue sharing for the current Tax Period.

TE = Income tax expense for the current Tax Period.

IE = Interest expense for the current Tax Period.

TRC = Difference in combined state and federal effective income tax rates in applicable Tax Period from the effective income tax rates prior to the tax rate change.

SIT = Effective Iowa state income tax rate in effect during the Tax Period.

FIT = Federal income tax rate in effect during the Tax Period.

BR<sub>c</sub> = Forecasted Electric Base Rate revenue for the class as a percentage of the total forecasted Electric Base Rate revenue for all applicable classes for the Tax Period.

GRCF = Gross Revenue Conversion Factor

In a Tax Period in which new income tax rate or rates become effective, the ITA shall be prorated based upon the number of days each tax rate was in effect in the Tax Period. If a change in one (1) or more of the income tax rates occurs on different effective dates within the same Tax Period, separate ITA amounts will be calculated for each. The sum of the ITAs constitutes the total ITA to be used to calculate the TERM factors for the applicable Tax Period.



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**CLAUSE TERM – TAX EXPENSE REVISION MECHANISM (continued)**

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**ENERGY ADJUSTMENT CLAUSE OFFSET (EA)**

EA shall be determined annually, by class, using the following formula:

$$EA_c = (PTC \times PTCF) \times RS_c$$

Where:

PTC = Forecasted PTCs in Energy Adjustment Clause

PTCF = Difference in PTC gross up factor during applicable Tax Period from the gross up factor prior to income tax rate change.

RS<sub>c</sub> = Forecasted Electric Retail kWh Sales for the class as a percentage of the total forecasted Electric Retail kWh Sales for all applicable classes for the Tax Period.

**REVISION OF TERM FACTORS:**

The Clause TERM factors shall be revised annually. Beginning on or before March 1, 2019 and continuing each year thereafter where the Clause TERM remains in effect, the Company shall file a revised tariff sheet and supporting workpapers showing the determination of the Clause TERM factors to be effective for April billings.

**ANNUAL RECONCILIATION**

Beginning on or before March 1, 2020 and continuing each year thereafter where the Clause TERM remains in effect, the Company shall include an annual reconciliation report with its proposed factors. Such filing shall address all differences in revenues, costs and class allocations used in calculating the Clause TERM factors for a Tax Period once actual values for all revenues, costs and class allocations are known. Any resulting reconciliation shall be the adjustment factor “RAc” included in the TERM calculation of new factors.



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7<sup>th</sup> Revised Sheet No. 464.20  
Canceling 6<sup>th</sup> Revised Sheet No. 464.20

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**CLAUSE TERM – TAX EXPENSE REVISION MECHANISM (continued)**

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The adjustment of electric charges under the provisions of Clause TERM – Tax Expense Revision Mechanism to be effective with bills rendered beginning with the first billing cycle of April, shall be as follows:

| <b><u>Class</u></b>       | <b><u>Rates</u></b>          | <b><u>Price per kWh</u></b> |   |
|---------------------------|------------------------------|-----------------------------|---|
| Residential               | RS, RST                      | \$ (0.00081)                | R |
| Commercial                | GE, GET, GD, GDT,<br>MWP, TC | \$ (0.00058)                | R |
| Industrial                | LS, LST, SS, SST             | \$ (0.00038)                | R |
| Individual Customer Rates | ICR                          | \$ (0.00020)                | R |
| Lighting                  | SL, AL                       | \$ (0.00217)                | R |





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Substitute Original Sheet No. 465  
Canceling Original Sheet No. 465

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## **RIDER EF – EXCESS FACILITIES**

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### **AVAILABLE**

To all customers in all systems of the Company's electric service area.

### **APPLICABILITY**

To all electric rates.

Unless stated otherwise in the rate or price schedule, the Company will supply service:

- At a single point of delivery.
- To a load equal to the maximum demand of the customer as specified in the rate or price schedule under which the customer is being served.
- At one standard voltage.

In the event facilities in excess of a normal installation as defined in "Standard Service" subsection in Section 3, "Technical and Operational Requirements" of this Tariff are requested by the customer, or are found to be required to serve the customer's load, the Company shall furnish, install, and maintain such facilities, subject to the following conditions:

- The type, extent, and location of such facilities shall be determined by agreement between the Company and the customer. The right to trim and remove trees and other vegetation as deemed necessary by the Company to provide reliable service.
- Such facilities furnished by the Company shall be the property of the Company.
- The customer shall pay the Company at the time of installation the cost of the excess facilities, except, in the case of equipment which the Company provides on a rental basis, the customer may elect to either:
  - Pay the cost of the excess facilities at the time of installation, or



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1<sup>st</sup> Revised Sheet No. 466  
Canceling Substitute Original Sheet No. 466

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### **RIDER EF – EXCESS FACILITIES (continued)**

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- Pay a monthly rental charge based on the Company's standard rental rate in effect at the time of the installation of such facilities multiplied by the Company's investment required to furnish such facilities. In the event there is a change made in the facilities which requires a change in the monthly rental charge, the monthly rental charge for all facilities being furnished by the Company will be based on the rate in effect at that time.
- The Company will provide excess facilities on a rental basis when all of the following apply:
  - The excess facilities cost is greater than \$500.
  - The customer or prospective customer is credit worthy.
  - The customer is not a Speculative Customer as defined in Expansion of Electric Distribution System section of this Tariff.
- For facilities furnished which are different than customarily used (non-standard), the cost or rental charge shall be calculated as the difference in the cost of:
  - The non-standard facilities actually furnished and
  - The normal facilities usually furnished.
- For facilities which are requested by and serve multiple customers, the total cost of or rental on the excess facilities shall be prorated among the requesting customers.
- The monthly rental rate used to calculate the rental charge shall be based on:
  - The Company's weighted average cost of equity and debt approved by the Board in the most recent electric rate case, grossed up for the Company's income taxes.
  - Allowance for depreciation, property taxes, and maintenance expenses. Such rental rate is 1.59 percent.

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Filed with the Iowa Utilities Board

Original Sheet No. 467

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## **RIDER FP – FLEXIBLE PRICING**

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### **AVAILABLE**

In all systems of the Company's electric service area.

### **APPLICABILITY**

To individual customers, to selected groups of customers, or to an entire class of customers qualifying under general service or large general service.

Available pursuant to IOWA ADMIN. CODE 199-20.14. Discounted rates under this rider shall be used to encourage a customer, or a group of customers, to increase usage or to maintain usage. Discounted rates may take several different forms consistent with IOWA ADMIN. CODE 199-20.14 and the criteria listed, and shall be developed on a case-by-case basis.

The following IOWA ADMIN. CODE 199-20.14 minimum criteria must be met before a discounted rate shall be offered:

- In deciding whether to offer a specific discount, the Company shall evaluate the individual customer's, group's, or class' situation and perform a cost-benefit analysis before offering the discount. Such analysis must demonstrate that offering the discount will be more beneficial to both the Company and all customers than not offering the discount.
- Any discount offered should be such as to significantly affect the customer's, or customers' decision to stay on the system; or to increase consumption; or to significantly affect a prospective customer's decision to locate in the service territory.
- The ceiling for all discounted rates shall be the approved rate on file for the customer's rate class.
- The floor for the discount rate shall be equal to the energy costs and customer costs of serving the specific customer.
- No discount shall be offered for a period longer than five (5) years, unless the Iowa Utilities Board determines upon good cause shown that a longer period is warranted.
- Discounts should not be offered if they will encourage deterioration in the load characteristics of the customer receiving the discount.



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Filed with the Iowa Utilities Board

Original Sheet No. 468

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## **RIDER FP - FLEXIBLE PRICING (continued)**

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### **APPLICABILITY (continued)**

- Discounted rates must be offered to all directly competing customers in the same service territory. Customers are direct competitors if they make the same end product (or offer the same service) for the same general group of customers. Customers that only produce component parts of the same end product are not directly competing customers.



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2<sup>nd</sup> Revised Sheet No. 469  
Canceling 1<sup>st</sup> Revised Sheet No. 469

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## RIDER CS – CURTAILMENT SERVICE

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### **AVAILABLE**

To all customers in all systems of the Company's electric service area.

### **APPLICABILITY**

At the option of the customer under General Service, Large General Service, Substation Service, and Individual Customer Rates who demonstrates a continuing ability and willingness to curtail 200 kW or more during Company-specified curtailment periods; or 100 kW for customers who successfully performed their obligation under this Rider during the 1995 season and consecutive seasons thereafter. Usage measured by more than one (1) meter at multiple locations may not be combined for purposes of qualifying for service under this rider. The customer is subject to the applicable terms and conditions of the Company's Electric Service Policies.

C

### **CHARACTER OF SERVICE**

Alternating current; 60 Hz; single or three phase nominal voltages offered by the Company, as further described in the Company's Electric Service Policies.

### **DEFINITIONS**

L

#### **Curtable Load**

L

Difference between the Expected Demand and the Firm Power Level.

L

#### **Curtailment Service**

L

Electric service which includes a credit for those customers who agree, on notice from the Company, to reduce electric demand by a predetermined amount (Curtable Load).

L

L

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MIDAMERICAN ENERGY COMPANY  
Electric Tariff No. 2  
Filed with the Iowa Utilities Board

Original Sheet No. 469.10

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## RIDER CS – CURTAILMENT SERVICE (continued)

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### DEFINITIONS (continued)

#### Expected Demand

Expected Demand may be: (1) The load which would normally be placed on the Company's system by the customer at the time of a curtailment period; or (2) For customers on a time-of-use rate, the load which a customer with a high degree of operational flexibility has agreed to move permanently outside the on-peak period designated in the customer's rate. The Expected Demand will be established between the Company and customer based on load profiles, known load additions or deletions, and typical operations.

#### Firm Power Level

The amount of customer load remaining on the Company's system during a curtailment period.

### NET MONTHLY RATE

Charges for service hereunder will be at the prices specified in the price schedules to which this rider applies, subject to the following additions and modifications. Customers must identify and select their participation period and credit from one (1) of the two (2) curtailment credit options below.

#### Curtailment Credit (per kW of contract Curtailable Load to be offered):

| <u>Participation Period</u>         | <u>Incentive Amount</u> |
|-------------------------------------|-------------------------|
| Summer-Only (June 1 – September 30) | \$30.00/kW              |
| Year-Round (June 1 – May 31)        | \$60.00/kW              |



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## RIDER CS – CURTAILMENT SERVICE (continued)

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### CUSTOMER REQUIREMENTS

The customer shall participate for the entire participation period for which it contracted. Summer-Only is defined as June 1 through September 30 to coincide with MidAmerican's summer rate schedule. Year-Round is the Midcontinent Independent System Operator, Inc.'s (MISO) plan year, defined as June 1 through May 31, annually.

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The customer shall provide telephone contact information to facilitate seven-days-per-week, twenty-four-hours-per-day curtailment notification. If a customer's failure to curtail its contract Curtailable Load when requested results in a Company purchase of replacement energy or results in other charges levied by or any other entity with jurisdiction to levy fines or penalties relating to load and capability compliance, the customer shall reimburse the Company for a proportionate share of resulting charges.

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In the event of a failure of the customer's standby generating equipment, or other unanticipated non-recurring condition (excluding the customer's failure to reduce production levels), the Company, at its sole discretion, may waive the customer's proportionate share of replacement energy or other charges levied by MISO or any other entity with jurisdiction to levy fines or penalties related to compliance with load and capability requirements. The customer shall notify the Company immediately by telephone or e-mail after obtaining knowledge of a condition contemplated by this paragraph.

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Any payment made to the Company for a customer's proportionate share of replacement energy or other charges levied by MISO or any other entity with jurisdiction to levy fines or penalties related to compliance with load and capability requirements shall not be construed as giving the customer the right to curtail less than its contract Curtailable Load during any subsequent curtailment periods.

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2<sup>nd</sup> Revised Sheet No. 471  
Canceling 1<sup>st</sup> Revised Sheet No. 471

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## **RIDER CS – CURTAILMENT SERVICE (continued)**

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### **VERIFICATION OF CURTAILABLE LOAD**

For purposes of verifying the customer's Curtailable Load, the customer's Expected Demand and Firm Power Level will be reviewed by the Company immediately following a curtailment event. If the customer failed to achieve its contract Curtailable Load as required or achieve its Expected Demand, the Company may revise the contract Curtailable Load, and/or Expected Demand when appropriate for the subsequent contract terms. Customer may forfeit part or all of its curtailment credit if it fails to reduce demand as agreed during curtailment events. A participant who is more than sixty (60) days in arrears on paying its electric bill may be subject to MidAmerican Energy netting the curtailment credit against the outstanding amount of the participant's electric bill.

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### **MINIMUM BILL**

The minimum bill is as specified by the applicable price schedule, less the curtailment credit.





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## RIDER CS – CURTAILMENT SERVICE (continued)

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### **METERING**

Participating customers are required to provide a communication line (telephone, cellular phone, or Internet TCP/IP) or other interfaces agreed to by Company for automated transmission of interval data for compliance monitoring. Access shall be provided by customer to Company for maintaining and operating such equipment.

### **STANDBY GENERATOR PROVISION**

Customers who have standby generation may operate that generation during the specified curtailment periods as a means of attaining the customer's specified contract Curtailable Load. Customer's standby generation shall be tested annually and customer shall submit generation test data as required for accreditation by MISO.

### **CURTAILMENT PERIODS**

This Rider is designed to serve reliability and energy efficiency purposes. Below are five (5) criteria that the Company will use when deciding whether to call a curtailment under this tariff. Curtailments may be called under this tariff when any of the following conditions exist:

- a) MISO directs the Company to curtail accredited Curtailable Load;
- b) The day-ahead locational marginal price (LMP) for the Company's load zone in the MISO exceeds a threshold LMP peaking unit price defined as the spot market price for No. 2 Oil divided by the kWh produced by one million BTU at an assumed heat rate of 13,500 BTU per kWh for four (4) consecutive hours.
- c) The projected system peak demand is expected to exceed ninety-eight percent (98%) of the Company's historic system peak, and the Company forecasts supply in deficit of load for at least three (3) consecutive hours. Supply is defined as the MW sum of coal, nuclear, wind, combined cycle natural gas, solar generation, and stored energy offered by the Company to MISO's market plus the Company's bilateral purchases received at MidAmerican's load zone in the MISO market per hour. Load is defined as the MW sum of the Company's forecasted demand plus long-term bilateral sales delivered from MidAmerican's load zone in the MISO market per hour.



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## RIDER CS – CURTAILMENT SERVICE (continued)

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### CURTAILMENT PERIODS (continued)

- d) The Company determines that loads must be curtailed due to transmission and/or distribution system operating conditions.
- e) The Company declares a physical test event

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For curtailments ordered under conditions a), curtailment notification time and number of occurrences will follow requirements to receive one-hundred percent (100%) resource accreditation, as specified in MISO's Demand Resource Eligibility requirements set forth in its FERC Electric Tariff, Module E-1, § 69A.3.5(e-f).

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For curtailments ordered under conditions b) and c), the Company will direct the customer to commence curtailment by giving a minimum two (2) hours advance notice. The curtailment period shall continue until the Company has provided specific notice of its termination, or a maximum of six (6) hours, whichever is shorter.

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For curtailments ordered under condition d), the Company will endeavor to provide as much advance notice as practicable under the circumstances but may establish the curtailment period immediately upon notice. In such a case, the curtailment would continue until notified by the Company.

For curtailments under condition e), if a curtailment customer has not been called by August 1<sup>st</sup> of the current calendar year, they must conduct a physical test. The Company will schedule at least two (2) physical test event dates for customers to participate in. The test will be conducted by the Company, in accordance with MISO's guidelines and under circumstances as close as possible to system peaking conditions.

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3<sup>rd</sup> Revised Sheet No. 474  
Canceling 2<sup>nd</sup> Revised Sheet No. 474

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## **RIDER CS – CURTAILMENT SERVICE (continued)**

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### **CURTAILMENT PERIODS (continued)**

For any of the above curtailment conditions, the Company may separate participants into curtailable groups. The Company may establish a curtailment period that only affects one (1) curtailable group, or multiple groups, on a given day. If only one (1) curtailable group is curtailed, the Company will rotate between curtailable groups on subsequent curtailments, as appropriate.

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Request for restriction of the customer's load to facilitate maintenance or replacement of equipment at or near the customer's premises shall not be deemed to establish a curtailment period.

### **PARTICIPATION**

The Company reserves the right to limit participation to a state-wide total of 275,000 kW of Curtailable Load.



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1<sup>st</sup> Revised Sheet No. 474.01  
Cancelling Original Sheet No. 474.01

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Electric Tariff No. 2  
Filed with the Iowa Utilities Board

1<sup>st</sup> Revised Sheet No. 475  
Canceling Original Sheet No. 475

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## **RIDER US – UNMETERED SERVICE**

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### **AVAILABLE**

In all systems of the Company's Iowa electric service area.

### **APPLICABLE**

To electric service provided for small usage devices that satisfy each of the following requirements:

- Do not exceed a total connected load of 1,200 Watts per point of connection
- Usage is constant and readily calculated
- Devices are located on public or neighborhood association property
- In the sole opinion of the Company, usage is impractical or unsafe to meter

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Customers currently receiving unmetered service as of the effective date of this tariff shall be subject to these terms and conditions. This service is not available for resale.

### **CHARACTER**

Alternating current, 60 Hz, single phase, 120 volt, two (2) wire, 120/240, three (3) wire or 120/208, three (3) wire nominal voltages, as further described in the Company's Electric Service Policies.

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## **RIDER US – UNMETERED SERVICE (continued)**

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### **NATURE OF SERVICE**

As directed by the Company, the customer shall furnish, install and maintain all service equipment, including wiring, over-current protective devices and a means of disconnecting the electric service from the Company's overhead or underground system. Company makes final connections to the customer's service equipment and supplies the energy for the operation of the equipment. All of the customer's equipment shall be subject to the Company's approval, as well as local or state inspection authority. Service to such installations shall be subject to the Company's Terms and Conditions in this tariff.

### **NET MONTHLY RATE**

Unmetered service shall be subject to the pricing, terms, and conditions for each point of connection with the Company's overhead or underground system under Rate GE.

### **CAPACITY REQUIREMENTS**

The capacity requirements of the equipment shall be determined by the Company from the specifications furnished by the manufacturers of such equipment. The Company shall have the right to test such capacity requirements from time to time. In the event the test shows capacity requirements different from those indicated by the manufacturer's specifications, the capacity requirements shown by Company tests shall control the usage for billing purposes.

### **DETERMINATION OF KWH**

The monthly kWh billed each month shall be determined as the total capacity requirements in kW of the equipment multiplied by 730 hours unless the customer can show lower usage to the satisfaction of the Company. The monthly kWh billed will be stated on the application for service. In the event the Company and the customer cannot agree upon a monthly kWh to be billed each month, the Company may require metering to determine the kWh as a basis of billing under the terms of the applicable Company's Terms and Conditions.



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## **RIDER US – UNMETERED SERVICE (continued)**

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### **CHANGES TO CUSTOMER EQUIPMENT**

The customer shall not change the capacity requirements of the customer-owned equipment without first notifying the Company in writing a minimum of 30 days before changes are made. The Company reserves the right to verify the total capacity requirements and/or energy usage at any time. Changes to customer equipment that results in the service no longer meeting requirements outlined in the “Applicable” section of this tariff will require metering and billing under a tariff rate for which the customer qualifies.

### **CONTINUED ELIGIBILITY**

Customer’s unmetered service must continue to maintain all eligibility requirements listed under the “Applicable” section of this tariff. Changes in equipment or customer that render the service ineligible shall result in service being metered and billed at the applicable tariff schedule rate. Metering must be installed within 30 days following notification or the service will be disconnected.

### **TEMPORARY DISCONTINUATION OF SERVICE**

This service is for year-round permanent service. The customer may not have service temporarily discontinued to avoid monthly billing without reimbursing the Company for costs incurred associated with stopping and starting service, including any actions taken to isolate the service.

### **TEMPORARY ALTERATION OF SERVICE**

The customer may not alter or add devices to its unmetered service on a temporary basis.

### **FAILURE OF CUSTOMER DEVICES**

The Company shall not be required to adjust kWh for billing due to failure of customer’s equipment.



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Substitute 2<sup>nd</sup> Revised Sheet No. 478  
Canceling 3<sup>rd</sup> Substitute 1<sup>st</sup> Revised Sheet No. 478

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## **RIDER SPS – STANDBY AND SUPPLEMENTARY POWER SERVICE**

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### **AVAILABLE**

To all nonresidential customers in all systems of the Company's electric service area having their own generation facilities provided the Company has sufficient capacity available in production, transmission, and distribution facilities to provide such service at the location where the service is requested.

### **APPLICABLE**

Service under this rider is required for any Iowa electric nonresidential customer that:

- Has on-site parallel distributed generation systems with a capacity over 100 kW.
- Is normally supplied wholly or partially by a source of power other than the Company's electric system.
- Utilizes Company's electric system for Standby and/or Supplementary electric service at the customer's premises.
- Has Total Load that would result in electric service under one of the following Company's demand service tariffs:
  - General Service Rates.
  - Large General Service Rates.
  - Substation Service.
  - Individual Contract Rates.

This Rider is not required where:

- On-site generation is used only for emergency supply during times of utility outage.
- A customer takes service under Rate NB - Net Billing of Small Alternate Energy Producers and Small Hydro Facilities, Rate PG Pilot – Net Billing of Private Generation Facilities Pilot or Rate IO – Inflow/Outflow Billing of Eligible Distributed Generation Facilities.
- A customer requires 100 kW or less of Standby Service and is taking service under the Company's:
  - Rate QF- Cogeneration and Small Power Production Facilities.
  - Rate AEP- Alternate Energy Production Facilities.

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## **RIDER SPS – STANDBY AND SUPPLEMENTARY POWER SERVICE (continued)**

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### **CHARACTER OF SERVICE**

Alternating current: 60 Hz; single or three phase, at secondary voltages offered by the Company, as further described in the Company's Electric Policies and Electric Rate Application.

### **DESCRIPTION**

Energy provided to the customer under this rider is limited to energy for Scheduled Maintenance, Unscheduled Outages, and Supplementary Service as defined below. The customer shall not generate and allow energy flow onto the Company's system unless it is separately metered or otherwise permitted in accordance with the Company's Electric Service Policies.

Standby Service may not be used by a customer to serve controllable demand that is subject to interruption as determined by the Company under Rider CS – Curtailment Service.

Supplementary Service is available to any nonresidential customer who requires additional power requirements beyond that provided by their self-generation.

### **DEFINITIONS**

Backup Energy means the energy actually delivered by the Company for customer's scheduled or unscheduled outage of customer-owned generation equipment.

Contracted Base Demand means the quantity specified in the customer's electric service agreement as the maximum amount of Standby Service the company is obligated to supply.

EAC means the Energy Adjustment Clause.



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**RIDER SPS – STANDBY AND SUPPLEMENTARY POWER SERVICE (continued)**

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**DEFINITIONS (continued)**

Forced Outage Rate means the unplanned generator outage expressed as a percentage. For the first twelve months, such rate shall be the EFORD Class published on the Midcontinent Independent System Operator, Inc. (MISO) website most similar to customer's generation. For customer generation that is a combined heat and power gas turbine, Company presumes a forced outage rate equivalent to the MISO EFORD for Combined Cycle unless customer documents a different outage rate. For customer generation that is a combined heat and power reciprocating engine, Company presumes a forced outage rate equivalent to the MISO EFORD for Diesel Engines, unless customer documents a different outage rate. For subsequent twelve (12) month periods, the EFORD shall be the actual unplanned generator outage for the customer's generating facilities for the previous twelve (12) month period. The actual unplanned generator outage for customer's generating facilities shall be calculated as the number of hours the generator was not available in the prior twelve (12) month period, divided by 8,760 hours.

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Standard Electric Service Rate means the Company's rate or price schedule under which the customer's Total Load would be served.

Generator Meter means the meter(s) used to measure the electrical output of the customer's generating facilities.

Main Meter means the meter(s) installed between the Company and the customer.

Scheduled Maintenance means the energy or energy and capacity supplied by the Company during planned maintenance of the customer's non-utility source of electric energy supply. The energy or energy and capacity shall be prearranged by the customer with the Company as specified in Scheduled Outage Coordination provision in this rider.



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## **RIDER SPS – STANDBY AND SUPPLEMENTARY POWER SERVICE (continued)**

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### **DEFINITIONS (continued)**

Standby Service means electric energy or capacity supplied by the Company to replace energy or capacity ordinarily generated by the customer's own generation equipment during periods of either:

- Scheduled maintenance.
- Unscheduled outages.

Supplementary Energy means energy or energy and capacity supplied by the Company to the customer when customer's non-utility source of electricity is insufficient to meet the customer's own load.

TCA means the Transmission Cost Adjustment Clause.

Total Load means for each demand period, the sum of load measured by the Main Meter and the Generator Meter for such period.

Unscheduled Outage means the energy or energy and capacity supplied by the Company that is not prearranged as specified in this tariff provided during unplanned electrical and/or mechanical maintenance of customer's non-utility source of electric energy supply and is subject to interruption by the Company.



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## **RIDER SPS – STANDBY AND SUPPLEMENTARY POWER SERVICE (continued)**

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### **METERING**

All electricity delivered to the customer by the Company will be measured by one or more meters installed at a single point of common interconnection or as determined by the Company. The customer shall allow the Company to make all necessary arrangements to meter:

- The amounts of demand, reactive demand, and energy supplied by the Company.
- The gross demand and energy output of the customer's generation equipment.

The Company shall provide and the customer shall be required to pay the installation, operation, and maintenance costs incurred by the Company for the metering equipment installed on the customer's generation equipment. The customer shall also provide a communication line (telephone or Internet TCP/IP) or other interfaces agreed to by Company for automated transmission of interval data. Access shall be provided by customer to Company for maintaining and operating such equipment.



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## **RIDER SPS – STANDBY AND SUPPLEMENTARY POWER SERVICE (continued)**

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### **ELECTRIC SERVICE AGREEMENT**

The customer will be required to execute an Electric Service Agreement for the service provided under this rider for an initial term of not less than five years with an appropriate cancellation charge covering the cost of installation and removal of facilities if service is terminated in less than ten years, unless otherwise mutually agreed upon by the customer and the Company.

A notice of one year may be required before the Company will allow a customer currently receiving firm service from the Company, for a load in excess of ten thousand (10,000) kW, to begin service under this rider unless otherwise mutually agreed upon by both the Company and the customer. The term of any notice will be dependent on the Company's ability to adjust its generation capability, including reserve margin, for the reduced firm load due to self-generation installed by the customer.

Contract Base Demand shall be an amount mutually agreed upon by both the customer and the Company. If the total capacity requirement is less than the nameplate capacity of customer's power source, then customer shall inform Company of the means by which outage demand will be less than the nameplate capacity. The Company may request that the customer provide a load reduction plan that describes the customer's ability to remove load within a specified timeframe.

The Electric Service Agreement with the Company shall specify:

- The total capacity requirements which shall be no less than that which the Company shall be required to supply in the event the customer's power source is not available.
- The capacity of customer's power source for which the Company will be providing Standby Service and to which the Contracted Base Demand Charges will apply for determining Reservation Fees.



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**RIDER SPS – STANDBY AND SUPPLEMENTARY POWER SERVICE (continued)**

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**CONTRACTED BASE DEMAND**

The Company shall not be obligated to supply Standby or Supplementary Service for a customer's load in excess of the Contracted Base Demand. The Company may require the customer to contract for additional Contracted Base Demand if the customer exceeds that specified in the Electric Service Agreement.

The customer shall furnish documentation to the Company of any changes affecting the maximum capacity and reliability of the power source for which the customer requires Standby or Supplementary Service.

The Contracted Base Demand Charge shall be determined by the Contracted Base Demand in kW.

The customer shall be liable for all damages or costs caused by the customer's use of power in excess of the Contracted Base Demand. The Company may require the customer to install an approved load limiting device which shall be set and sealed by the Company so that the customer's use of service will not exceed the number of kilowatts contracted for by the customer.

At the conclusion of the initial service period, if a customer suspends taking service and within twelve (12) months thereafter resumes taking service at the same premises, the reconnect charge shall be equal to the minimum charge the customer would have otherwise been required to pay during the disconnection period had service not been terminated.



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**RIDER SPS – STANDBY AND SUPPLEMENTARY POWER SERVICE (continued)**

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**INTERCONNECTION**

The customer shall be subject to the provisions of the Company's requirements for interconnection as applicable and as they may change from time to time. The customer will pay all costs of interconnecting a facility to the Company's system as specified in the Company's interconnection policy and contract with the customer. Termination fees shall be consistent with those defined in the Electric Service Agreement.

The Company may be reimbursed by the customer for costs which are incurred, or which have been previously incurred, in providing facilities which are used principally or exclusively in supplying service for any portion of the customer's requirements which are to be normally supplied from a source of power other than the Company's electric system.

During times of customer generation, customer will be expected to provide VARs as needed to serve their load. Customer will provide equipment to maintain a unity power factor plus or minus ten percent (10%) for supplemental demand, and when the customer is purchasing Backup Energy from the Company.

All electricity delivered to the customer shall be for the exclusive use of the customer and shall not be resold.

The Company reserves the right to establish a minimum charge in order to recover the costs of facilities required to serve such load. Said charge shall be specified in the Electric Service Agreement.



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Canceling Original Sheet No. 486

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## **RIDER SPS – STANDBY AND SUPPLEMENTARY POWER SERVICE (continued)**

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### **STANDBY SERVICE**

#### NET MONTHLY RATE

##### Monthly Service Charge

Billed at customer's Standard Electric Service Rate

##### Reservation Fees\*

Generation Service

##### Contracted Base Demand Charge

\$ 8.37 per kW per month x Forced  
Outage Rate

Transmission Service

(\$ 1.86 per kW per month + TCA) x  
Forced Outage Rate

(\$ 1.86 per kW per month + TCA) for  
Generation over 5 MW\*\*

Substation Service

\$ 0.93 per kW per month

Distribution Service (not applicable to  
customers taking service directly from  
a substation)

\$ 1.77 per kW per month

Reactive Demand

\$0.50 per kVar

\*\*Any customer that can successfully demonstrate reduced use of the transmission system when called upon by MISO shall share in any resulting reduced rates MidAmerican receives from MISO.





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2<sup>nd</sup> Substitute Original Sheet No. 487  
Canceling Substitute Original Sheet No. 487

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## RIDER SPS – STANDBY AND SUPPLEMENTARY POWER SERVICE (continued)

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### STANDBY SERVICE (continued)

Where the Forced Outage Rate shall be set to the:

- MISO Pooled EFORD for generation installed most similar to customer's generation for the first twelve months of the Electric Service Agreement.
- Actual Forced Outage Rate for customer's generating facilities experienced in the prior twelve month period for the subsequent twelve-month periods, adjusted annually.

#### Scheduled Standby Usage Rates\*

Demand and energy charges under the customer's Standard Electric Service Rate as recorded by the Main Meter and applied as follows:

##### Daily Demand Charge

Per kW for maximum demand for  
standby period, applicable daily  
Maximum Demand less the Substation  
Service and Distribution Service  
(if applicable) Reservation Fees

(Demand Charge Rate -\$0.93 - \$1.77 [if  
applicable]) ÷ 30.4167

##### Energy Charge

Energy Charge Rate

##### Reactive Demand

kVAR Demand Charge Rate

\*During any billing period in which the customer utilizes scheduled standby energy and capacity, the customer shall be billed the greater of customer's Reservation Fees or Scheduled Standby Demand Charges for that billing period.



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## **RIDER SPS – STANDBY AND SUPPLEMENTARY POWER SERVICE (continued)**

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### **STANDBY SERVICE (continued)**

#### Unscheduled Usage Rates

The greater of:

- Energy charges included under the customer's Standard Electric Service Rate based on energy usage recorded by the Main Meter.
- MISO LMP + 10% for period of Unscheduled Outage based on demand and energy usage recorded by the Main Meter.

#### Rates, Adjustments and Clauses

As applicable in customer's Standard Electric Service Rate, including Reactive Demand Charges. The EAC and TCA clauses shall not apply to charges billed under MISO LMP.



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## **RIDER SPS – STANDBY AND SUPPLEMENTARY POWER SERVICE (continued)**

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### **STANDBY SERVICE (continued)**

#### Minimum Charge

Monthly bills shall include:

- Standard Electric Service Rate monthly basic service or monthly service charges
- Reservation fees based on Contracted Base Demand

#### Payment

Bills are due and payable within twenty days from the date the bill is rendered to the customer. When not so paid the bill is delinquent and a late payment charge, which is equal to 1.5 percent per month of the past due amount or such portion that remains unpaid after each subsequent month, shall be added.

#### Scheduled Outage Coordination

Customer and Company will coordinate planning and the determination of a schedule for performance of periodic maintenance of the customer's facilities. Such maintenance shall be scheduled to avoid summer and winter peaks or agreed upon in the Electric Service Agreement. Scheduled maintenance is typically available in April, May, October, and November. The customer must provide at least a 30-day notice of its proposed schedule for scheduled maintenance. Customer may modify the maintenance schedule with 30-days' notice to the Company.

Scheduled maintenance may not exceed 45 days in any continuous 12-month period unless otherwise agreed by Company in writing. Any extension of maintenance period may be requested by the customer in writing and shall be responded to by the Company in writing.

Customers that do not comply with the terms and conditions for qualifying maintenance periods will be subject to unscheduled usage charges.



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## **RIDER SPS – STANDBY AND SUPPLEMENTARY POWER SERVICE (continued)**

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### **STANDBY SERVICE (continued)**

#### Unscheduled Outage Usage

Unscheduled standby is limited to Backup Energy required during a forced outage of the customer's self-generation. The customer is allowed to use unscheduled standby service up to the number of hours equivalent to the Forced Outage Rate multiplied by 8,760 hours in a twelve (12) month period without incurring additional Supplementary power charges. Riders, terms, and conditions for the customer's Standard Electric Service Rate shall apply.

#### Unscheduled Outage Coordination

Unscheduled outage is subject to:

- Availability.
- The condition that supply will not seriously impair or jeopardize the system.
- Notification by telephone for loss and restoration of power source.
- Written follow-up notification within 48 hours of loss and/or restoration.



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## **RIDER SPS – STANDBY AND SUPPLEMENTARY POWER SERVICE (continued)**

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### **SUPPLEMENTARY SERVICE**

#### **NET MONTHLY RATE**

##### **Supplementary Service**

Billed at customer's Standard Electric Service Rate, including its terms, conditions, minimum charge, and minimum bill provisions.

##### **Adjustments and Clauses**

As applicable in customer's Standard Electric Service Rate.

##### **Billing**

Supplementary demand for each demand period shall be the applicable demand for tariff service associated with the Main Meter for the billing period.

Supplementary energy shall be the applicable energy charges for the tariff service associated with the Main Meter for the billing period.

##### **Minimum Charge**

Minimum charge as defined in customer's Standard Electric Service Rate.

##### **Payment**

Bills are due and payable within twenty days from the date the bill is rendered to the customer. When not so paid the bill is delinquent and a late payment charge, which is equal to 1.5 percent per month of the past due amount or such portion that remains unpaid after each subsequent month, shall be added.

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1<sup>st</sup> Revised Sheet No. 492  
Canceling Original Sheet No. 492

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Canceling 3<sup>rd</sup> Revised Sheet No. 493

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